

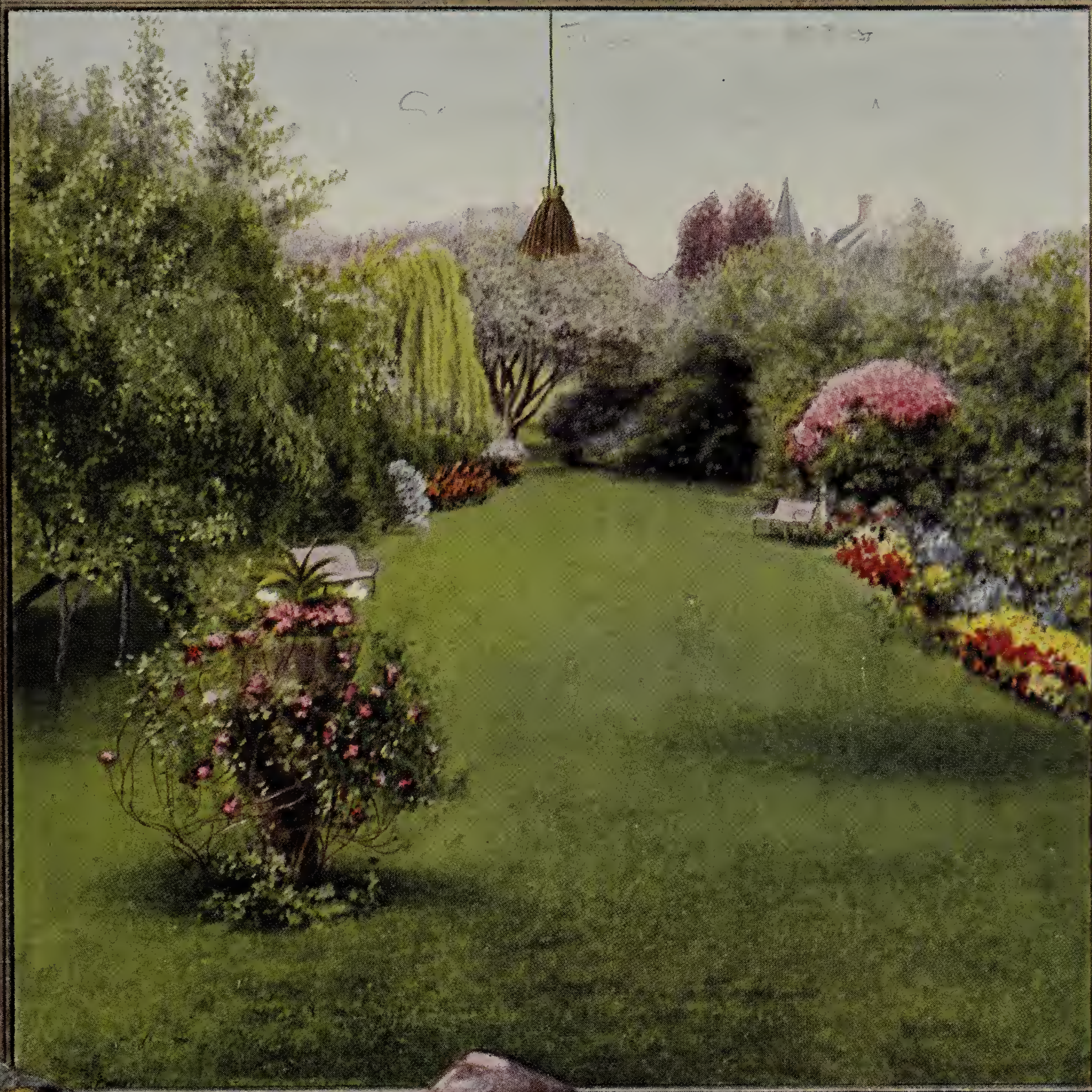
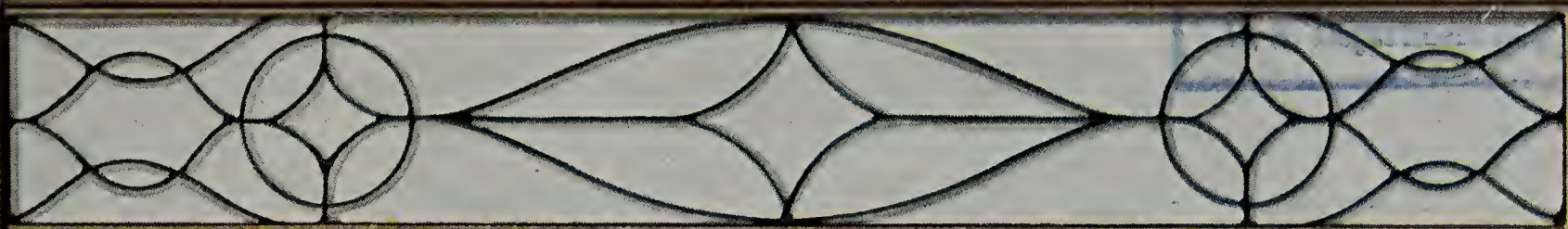
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WALTER E. COOK

INCORPORATED

SEEDS AND BULBS

Your Lawn Needs AULSEED



AULSEED LAWN GRASS

COVERS THE GROUND

RE-CLEANED, HEAVY, AND FREE FROM CHAFF, WEIGHING 25 POUNDS PER BUSHEL, WITH PURITY AND GERMINATION. THE VARIETIES ARE CAREFULLY BLENDED TO INSURE A HARD PERMANENT TEXTURE OF BRIGHT, GREEN TURF.

One Pound will Sow 250 Square Feet, 100 Pounds to Acre

1 lb. \$0.50	3 lbs. \$1.45	5 lbs. \$2.35
10 lbs. \$4.60	25 lbs. \$11.25	100 lbs. \$43.50

AULSEED SHADIGRAS

This mixture is composed of grasses that will give satisfaction under trees or shaded spots where it is impossible for other grasses to grow. While not as fine as our regular Lawn Mixture, it will be found better adapted for conditions intended.

1 lb., \$0.55	3 lbs., \$ 1.55	5 lbs., \$ 2.50
10 lbs., \$4.90	25 lbs., \$11.50	100 lbs., \$45.00

AULSEED

Special Grass Mixture "Private Estate"

This contains a large proportion of the more expensive grasses, like the Bent Grasses, Chewing's Fescue, etc., also extra heavy Kentucky Blue Grass.

Price, lb. 75c, 2 lbs. \$1.50, 3 lbs. \$2.20, 5 lbs. \$3.65, 10 lbs. \$7.20, 15 lbs. \$16.65, 20 lbs. \$14.00, 25 lbs. \$17.25, 50 lbs. \$33.00, 100 lbs. \$65.00.

Cocoos Bent

We can now offer genuine Cocoos bent seed. This is a true unmixed creeping bent grass seed. 1 lb. \$1.50, 2 lbs. \$2.75, 3 lbs. \$4.25, 5 lbs. \$6.00.

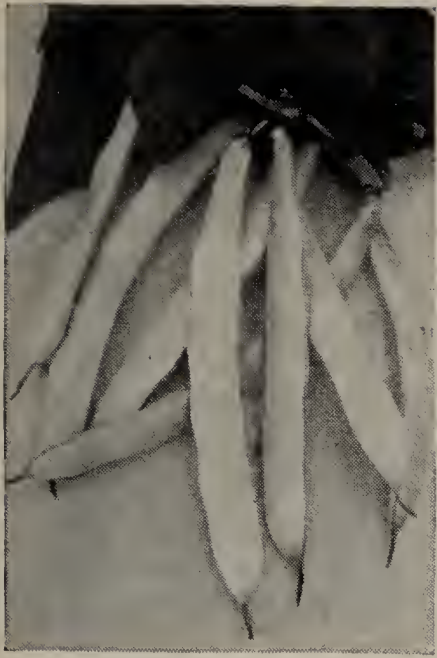
AULSEED Bent Grasses

EUROPEAN MIXED BENT ("Creeping Bent")

is a mixture of Bents, including true Creeping Bent, Velvet Bent, and a large percentage of Rhode Island Bent. 1 lb. \$1.35, 2 lbs. \$2.50, 3 lbs. \$3.60, 5 lbs. \$6.00.

RHODE ISLAND BENT GRASS has been neglected. It makes a fine close turf of excellent color and adapts itself readily to any soils, particularly acid soils. Excellent for lawns. 1 lb. \$1.35, 5 lbs. \$6.00, 10 lbs. \$11.50.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



Beans, Bountiful



Peas, Little Marvel

FOREWORD

In presenting you with our catalogue of Seed and Bulbs, we begin our Seventeenth year of service in this highly specialized line. We call your attention to the "quality" the gardening public receives when dealing with an institution that is making individual study throughout the Horticultural world to procure the better varieties, newer types and novelties, brought out in the research of plant life.

Results obtained from our quality speaks greater for our success than any booklet compiled with the intention of conveying our claim, and we feel our progress in the Seed and Bulb line is largely due to our many friends who realize our efforts to give service and quality of the highest standard.

In conclusion our stock is selected from growers who have national and international reputations in America and Europe keeping ever before us our motto:

Aulseed service and quality in Seed and Bulbs "Covers the Ground."



WALTER E. COOK

1231 CENTRAL AVENUE
CLEVELAND, OHIO



MAin 2627 - 2628



Poppy Iceland



Chrysanthemum
Alaska (Shasta Daisy)

NOVELTIES AND SPECIALTIES IN FLOWER SEEDS

The growth of our Flower Seed Business is indicative of the discrimination of our clients, who recognize in our seeds quality not to be found in cheaper grades or strains. AULSEED selected strains of flower seeds cost a little more but are better.



Cosmos Early Klondyke Orange Flare



Larkspur Rosamond

NASTURTIIUM—Bodger's Double Glorious Gleam Hybrids Finest Mixed

Leaders pronounced our Glorious Gleam Hybrids the most remarkable achievement of the year in the field of Plant Breeding. Large, well formed, sweet scented, double flowers, kaleidoscopic in range of color, to even the most critical, they leave nothing to be desired. Pkt. 35c.

COSMOS—Early Klondyke Orange Flare

The unanimous choice of all judges in the All-America Competitions for 1935. Bright vivid orange, very free flowering, with a sparse growth of light green foliage, the plants are in full flower less than four months from the time of planting, and are a mass of color all season. Pkt. 50c.

LARKSPUR—Tall Double Stock Flowered Rosamond

Awarded a Gold Medal last year as the most distinct Larkspur introduced in many years, Rosamond is even more popular now since it is better known. It is early, free flowering, fully double, a pure deep rose self color which does not fade. Pkt. 35c.

ZINNIA—Fantasy Finest Mixed

Fantasy is the most fascinating new Zinnia type introduced to the flower world in many years. Informal, shaggy, graceful and interesting, it is distinct from the stiff formal Zinnias to which we are accustomed. Excellent for mass of color, it is also unexcelled for flower arrangement. Pkt. 50c.



Zinnia Fantasy Finest Mixed

LARKSPUR

LA FRANCE. Large, well formed double flowers well placed on long stems. Color a pleasing salmon pink. A very vigorous grower and will add to the growing popularity of Annual Larkspurs. Per pkt. 50c, oz. \$2.50.

NASTURTIUM—Bodger's Double Sweet Scented Scarlet Gleam

Dazzling in color, delightfully sweet scented, superior in type, extra large flowered, indescribably lovely . . . Scarlet Gleam, your leader for 1935. Pkt. 25c.

DIANTHUS LACINIATUS SPLENDENS

The most striking Dianthus we have ever offered, it has been considered worthy of Special Mention by the All-America council. The large single flowers of brilliant crimson, contrasted with a glistening white eye, are borne profusely on neat dwarf compact plants. Pkt. 25c.

VENIDIUM

FATUOSUM. 2-3 feet. Daisy-like flowers 4-5 inches across of a brilliant orange with center zone of purple-black. Sow in March or April in a sunny position. Foliage silky gray. Grows wild in South Africa. Pkt. 25c, 1/8 oz. \$1.25.

BALCONY PETUNIAS

Two new varieties offered here, are a select type of the plain-edged Petunia which by reason of the habit of the plant is well adapted for window-box culture. The plants are symmetrically formed, grow about one foot high, the flowers measuring 3 inches across.

Fringed Varieties

- PINK TRIUMPH.** Clear Pink, delicately fringed. Pkt. \$1.00.
- PRIDE OF PORTLAND.** Deep Rose. Pkt. 50c.
- ROMANY LASS.** Bright Garnet, deep throat. Pkt. \$1.
- SCARLET BEAUTY.** Bright Scarlet. Pkt. 50.

Plain Edged

- COPPERY RED.** New Shade, very attractive. Pkt. 50c.
- ELK'S PRIDE.** Immense size; Purple. Pkt. 50c.
- PINK GLORY.** Deep Pink. Pkt. 50c.



Balcony Petunias



Venidium Fastuosum

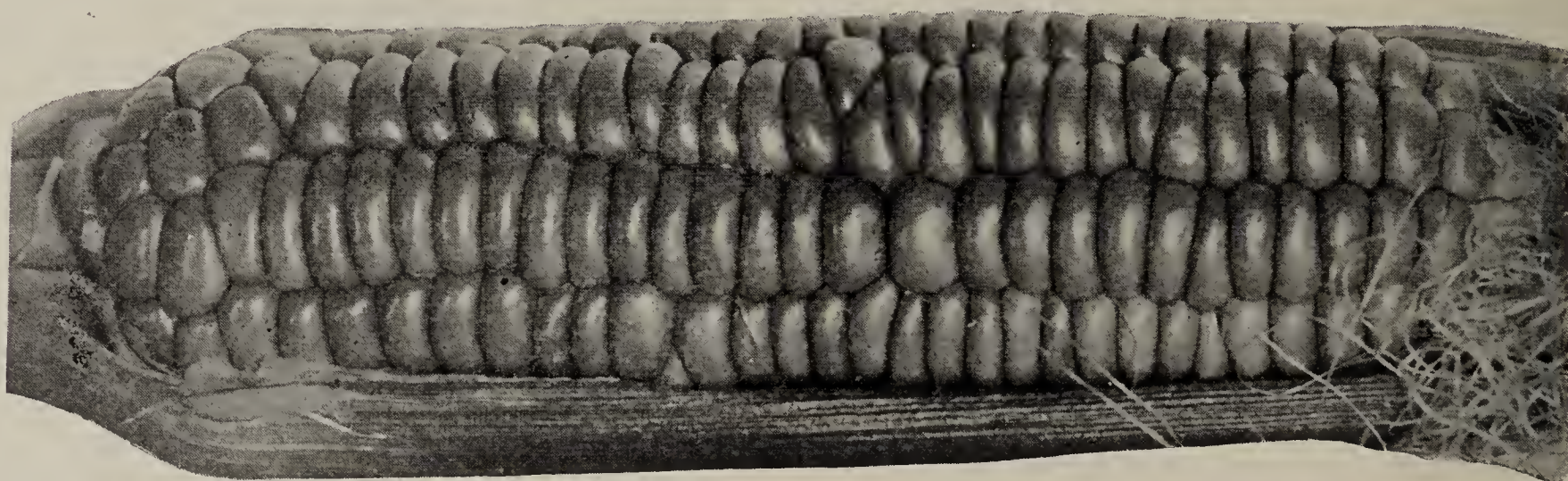
MARIGOLD

MAGIC BALL. In type it closely resembles a French Marigold but the colorings and size of flower are much superior. They grow from 4 to 5 feet high making a fine decorative plant and the flowers do not have the unpleasant odor of the Marigold. Per pkt. 50c.



Marigold Magic Ball

NOVELTIES IN VEGETABLE SEEDS



Sweet Corn, Golden Sunshine

GOLDEN SUNSHINE

The ears are very compact, about the same size as Golden Bantam, but more refined in appearance, having from 10 to 12 rows of grains instead of 8 as Golden Bantam. It is a very rapid grower. 40c lb., \$1.00 3 lbs.

NEW TOMATO

The Pritchard or Scarlet Topper

This Tomato introduced 2 years ago, has met with pronounced approval by our customers, and this has led us to feature this variety in our novelty page this year. A wonderful cropper of medium size fruit, just the proper table size, flavor excellent and may be grown outdoors or indoors. Without doubt, should be included in your order. 25c per pkt., 3 pkts. for 60c.



Broccoli, Green Sprouting

BROCCOLI

True Italian Sprouting

This vegetable is well known and esteemed highly in Europe, and today there is a growing demand for it in this country. It is an entirely distinct sort, producing narrow, tender sprouts, which, when young, can be cooked and served same as asparagus. Flavor delicious. Cultivation is the same as that of cauliflower or cabbage. True Italian Green Sprouting. Pkt. 20c, ¼ oz. 75c, oz. \$2.75.



The Pritchard or Scarlet Topper

VEGETABLES

ARTICHOKE

One ounce will produce 300 plants

LARGE GREEN GLOBE. Plant of medium growth, with deep green leaves; buds or flower-heads green, slightly elongated; scales rather narrow and spiny, moderately thick at the base. Will flower first year if sown before March 15.

ASPARAGUS

One pound will produce 5,000 roots

PALMETTO. Early and uniform, producing stalks nearly an inch in diameter, tender and delicious.

MARY WASHINGTON. The best of the several strains originated by the U. S. Department of Agriculture. The shoots are larger and grow much more rapidly than the other varieties. Very vigorous, with thick stalks which grow unusually tall without branching. Deep green with purple tips. This is the best variety for commercial planting.

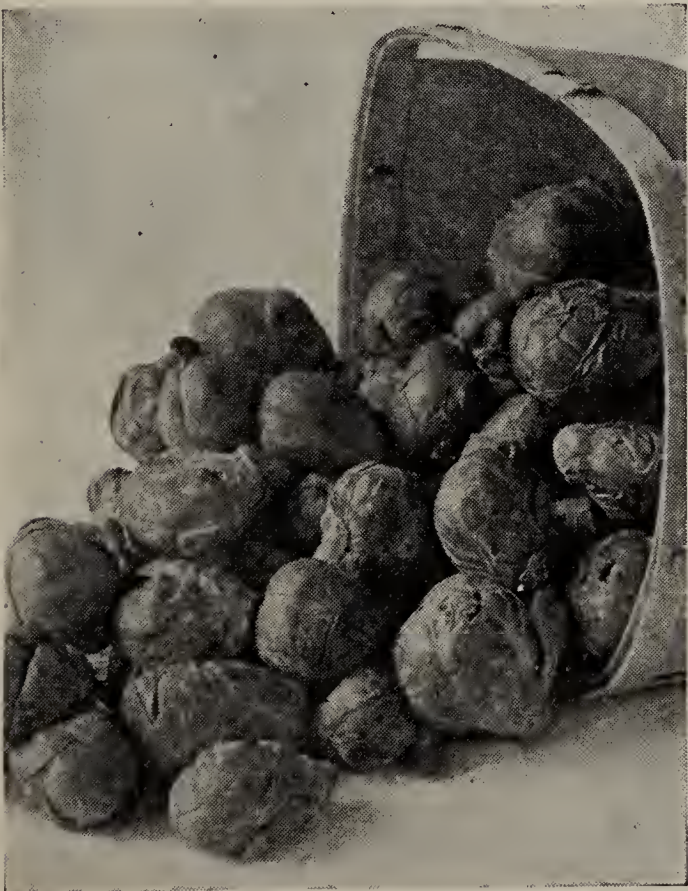
BORAGE

One ounce will sow 75 feet of row

A hardy annual used for bee-food and as a pot-herb. Coarse, hairy plants with large oval leaves and blue flower-racemes.

BROCCOLI

ITALIAN GREEN SPROUTING. This vigorous plant is entirely different from the white heading sorts. Cultivated like cabbage, it bears a succession of sprouting heads which, if kept cut, will be replaced by others for 8 or 10 weeks. Each sprout, about 5 inches long, ends in a small head of deep green buds. Many think this vegetable superior in flavor to cauliflower.



Brussel Sprouts, Improved Dwarf



Mary Washington Asparagus

BRUSSELS SPROUTS

One ounce will produce 1,500 plants;

6 ounces will plant an acre

LONG ISLAND-GROWN HALF-DWARF IMPROVED. A very uniform strain that has proved more productive of firm, dark green sprouts than can be grown from imported seed. The plants do not grow very tall but are compact and hardy and covered from the ground up with solid sprouts. This is the most profitable variety of all to grow.

	Pkt.	Oz.	¼ lb.	Lb.
ARTICHOKE				
Large Green Globe...	\$.15	\$1.00	\$2.50	\$....
ASPARAGUS				
Palmetto .....	.10	.25	.60	1.75
Mary Washington ....	.15	.90	2.75	3.50
BORAGE .....	.10	.30	1.00	3.50
BROCCOLI				
Italian Green Sprout- ing Calabresi .....	.20	2.75	....	....
BRUSSELS SPROUTS				
Long Island Half-Dwf. .	.10	.60	3.00	....

BEETS

For early use sow as soon as the ground can be worked in a rich, light soil, which has been well manured, in drills one foot apart and two inches deep. For main crops sow in May, and for Winter use, in June. When the plants are well forward, thin out to about six inches.

GARDEN BEETS

One ounce will sow 50 feet of row; 7 pounds will plant an acre

DETROIT DARK RED. This variety is of exceptionally fine quality and attractiveness, and takes with market gardeners for market purposes. The root is almost globe-shaped, smooth, and tapering slightly; flesh deep vermilion-red. Leaves are green with red veins and stems.

EGYPTIAN EXTRA-EARLY FLAT. Early-maturing and fine for forcing. The root is decidedly flattened-turnip-shaped, and the flesh is very dark blood-red. Tops small with brown-red leaves mixed with green.

EARLY WONDER. 60 days. Very desirable for home and market garden. Tops small. Root flattened globe-shape with small collar and tap-root; dark purplish-red. Flesh deep purplish-red zoned a lighter shade.

EARLY BLOOD TURNIP, IMPROVED. 50 days. For home and market garden. Tops medium small, but fairly coarse. Roots deep turnip-shaped; dark purplish-red. Flesh deep purplish-red zoned with a lighter shade.

CRIMSON GLOBE. A very popular beet on account of its excellent color and shape. Deep globular in shape with little crown and a clean cut, small tap root. Skin and flesh of a dark red color with zones.

CROSBY'S EGYPTIAN. (Original Strain.) 60 days. Splendid home and market garden sort. Tops medium in size; collar small. Root flattened globe-shape, with small tap-root; very dark purplish-red. Flesh deep purplish-red zoned with a lighter shade; crisp and tender.

BEET	Pkt.	Oz.	¼ lb.	Lb.
Crimson Globe	\$.10	\$.25	\$.65	\$1.75
Crosby Egyptian ....	.10	.25	.60	1.75
Detroit Red .....	.10	.25	.60	1.75
Early Wonder .....	.10	.25	.75	1.90
Egyptian Extra-Early Flat .....	.10	.25	.60	1.75

SUGAR BEET AND MANGEL

One ounce will sow 50 feet of row; 7 pounds will plant an acre

SUGAR BEET, GIANT HALF-SUGAR ROSE. Very large, smooth, and clean, of oval shape. The skin is rose-white with a deeper rose-colored top. The flesh is white and of high nutritive value. This variety is grown very extensively.

MANGEL, MAMMOTH LONG RED. The largest of all the Mangels. The root is 15 to 18 inches long, over 6 inches in diameter, and with a heavy shoulder. It grows one-half above ground and is easily pulled. The flesh is white, tinged with rose. This strain, under careful culture, is extremely productive, and will give a very heavy tonnage per acre.

SUGAR BEET				
Giant Half-Sugar				
Rose .....	.10	.20	.40	1.00
MANGEL				
Mammoth Long Red .....	.15	.40	1.00	
SWISS CHARD				
Large Ribbed .....	.10	.25	.65	1.75
Lucullus .....	.10	.25	.65	1.75

SWISS CHARD

LUCULLUS. Stalks pure white and thick as Rhubarb. Foliage yellowish green and crumpled like Bloomsdale Spinash or Savoy Cabbage. Very choice. Growing in popularity every day. The tops cook like Spinach and the stems like Celery.

LARGE RIBBED WHITE. (Silver Leaf.) The leaves are broad, somewhat waved but smooth, and of a medium light yellowish-green. The stalks are broad and flattened, but tender and succulent.



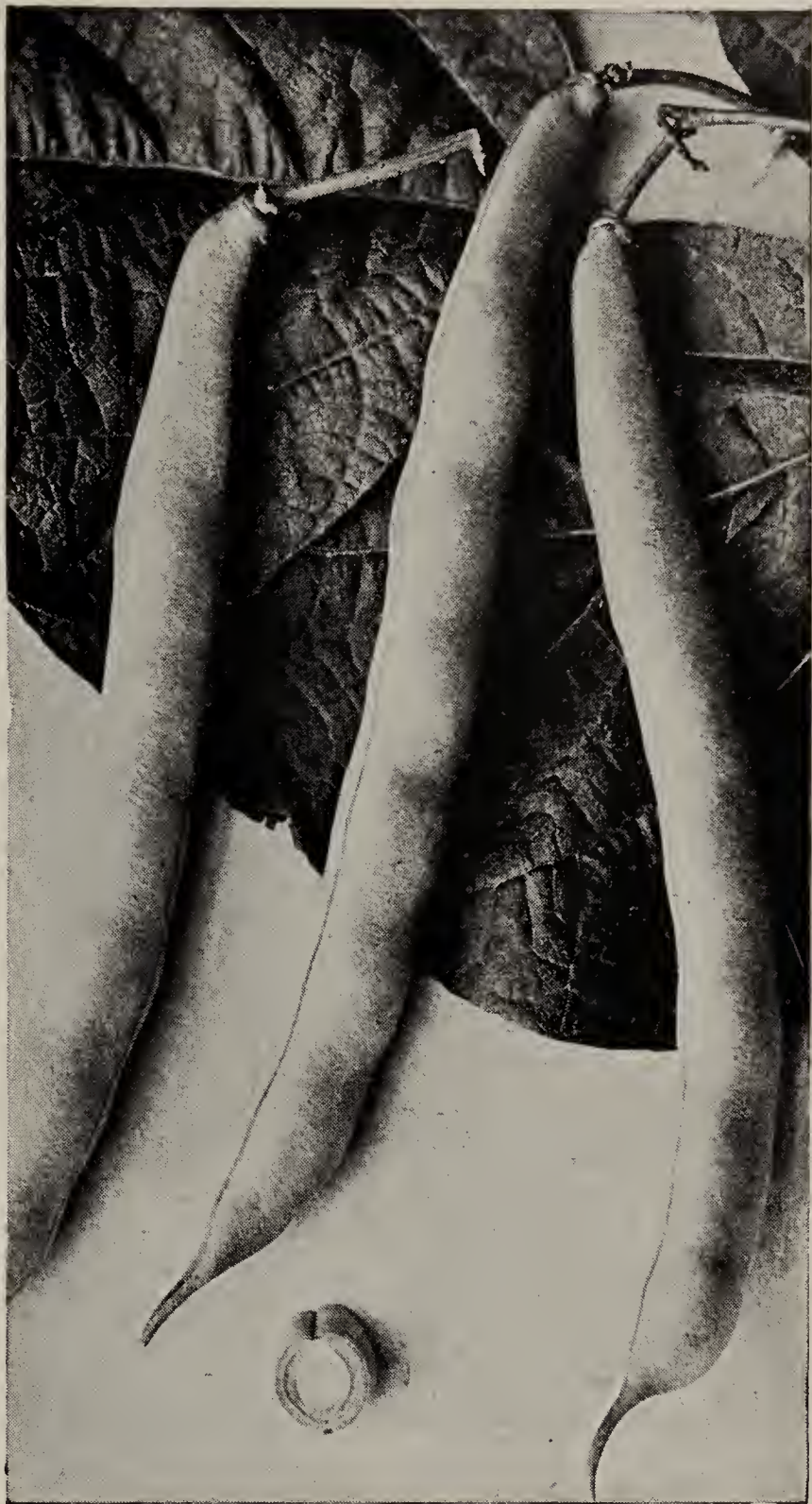
Lucullus Swiss Chard

BUSH BEANS

DWARF GREEN-PODDED

One pound will plant 100 feet of row; 60 pounds will plant an acre

- BOUNTIFUL.** This is the best flat-podded, stringless variety. The light green pods are 6½ to 7 inches long, stout, flat, somewhat curved, absolutely stringless, very slightly fibrous, attractive, and of very fine quality. It is very early, vigorous, and produces a very heavy yield.
- BURPEE'S STRINGLESS.** Very early, productive, hardy and vigorous; the dark green pods average about 5 inches long; straight, stout, round, and crease-backed. They are tender, brittle, of the finest flavor and quality, and strictly stringless. The plants are medium large, of somewhat spreading growth, with dark green foliage.
- FULL MEASURE.** The fine stringless medium green pods are straight, 6 inches long, very fleshy, almost round, crease-backed, have no neck, showing depressions around the Bean, and are tender. About same season as Burpee's Stringless, but more productive.
- LONGFELLOW.** Moderately early and productive, ready in 52 days. The dark green pods grow 6 inches long, slender, straight, round, nearly stringless, tender and fine-grained.
- BLACK VALENTINE.** 53 days. Well adapted for shipping, but too tough and fibrous for home gardens. In California this bean is usually called "French String." It is grown by the market gardeners for the earliest bean and used when the pod is about the size of a thick shoe-string.
- REFUGEE OR 1000 TO 1.** Very popular canning and picking sort. Plant large, hardy, extremely productive. Pods medium green; very uniform, 5 to 5½ inches long, ⅜ inch thick, round; stringy at later stages; very fleshy, brittle, and fine grained.
- TENDERGREEN.** A new, early-maturing, round-podded variety. The pods are 6½ to 7 inches long, quite slender, straight, perfectly round, and closely resemble an improved Full Measure. They are light green, absolutely stringless, meaty, tender, and of very high quality. The vines are very vigorous, strong, and productive, maturing the pods in great profusion at the same season as Black Valentine.
- MASTERPIECE.** (Sutton's.) One of the best dwarf Beans. Extra early and perhaps the best for forcing. Plant robust in constitution and the long pods are straight, handsome, and tender—unusually productive.
- RED VALENTINE.** One of the most dependably productive for home and market garden, unexcelled in quality for snaps.



Stringless Green Pod Beans

- GIANT STRINGLESS GREEN POD.** One of the best for home and market garden; very desirable for canning. Plant large, hardy, heavily productive. Pods medium green, 6 to 6½ inches long, ⅜ to 1⅛ inch thick, round; very fleshy, brittle, and stringless.
- NAVY OR BOSTON PEA.**
- RED KIDNEY.**

GREEN POLE BEANS

- KENTUCKY WONDER (Old Homestead).** 65 days. This most popular of all pole beans should be in every garden. The dark green pods are round and long, measuring 9 to 10 inches.

BROAD BEANS

- Three pounds will plant 100 feet of row; 180 pounds will plant an acre
- LARGE-SEEDED WINDSOR.** Bush, 2½ to 3 feet high, bears many broad-ended pods, each holding three Beans.

DWARF GREEN	½ lb.	Lb.	5 lbs.
Bountiful	\$.20	\$.35	\$1.50
Burpee's String'less .....	.20	.35	1.50
Full Measure .....	.20	.35	1.50
Giant Stringless .....	.25	.40	1.85
Longfellow .....	.25	.40	1.85
Stringless Black Valentine .	.25	.40	1.85
Tendergreen .....	.30	.50	2.25
Masterpiece .....	.35	.60	2.65
Red Valentine .....	.20	.35	1.50
Refugee .....	.20	.35	1.50
Navy .....	.15	.25	1.00
Red Kidney .....	.20	.35	1.50

GREEN POLE			
Kentucky Wonder .....	.20	.35	1.50
Broad Windsor .....	.30	.50	2.25

BUSH BEANS—DWARF WAX-PODDED

One pound will plant 100 feet of row; 60 pounds will plant an acre

BRITTLE WAX. Early, productive, hardy and of vigorous growth. The pale yellow, straight 6-inch pods are broad, fleshy, deeply saddle-backed, tender, brittle and stringless.

DAVIS STRINGLESS WAX. Large, flat pods, 6½ inches long, uniformly straight, but differing from the old Davis White Wax in that these are stringless. The clear, bright yellow, tender pods mature early in great numbers.

GOLDEN WAX. A splendid home garden variety; also much used for canning. Plant small, productive. Pods very attractive; golden yellow; 4½ to 5 inches long, ½ inch wide, thick, oval; fleshy, brittle, stringless.

PENCIL-POD BLACK WAX. Very strong, vigorous, 15 inches high, and very productive. The pods are large, 6½ to 7 inches long, fully rounded, straight and deeply saddle-backed, of a light golden yellow color, strictly stringless, free from fiber, brittle, and fleshy.

PROLIFIC BLACK WAX. 52 days. Good home and market garden sort. Plant small; heavily productive over long period. Pods golden yellow; 4½ inches long, ⅜ inch thick, round; fleshy, brittle, strictly stringless, fine grained and tender.

SURE CROP WAX. Valuable for market garden and shipping. Plant large and dependably productive. Pods deep yellow; 6 to 6½ inches long, ½ inch wide; thick, very fleshy, stringless, brittle, fine grained. Similar to Currie's Rust Proof, but a trifle later and with longer pods.

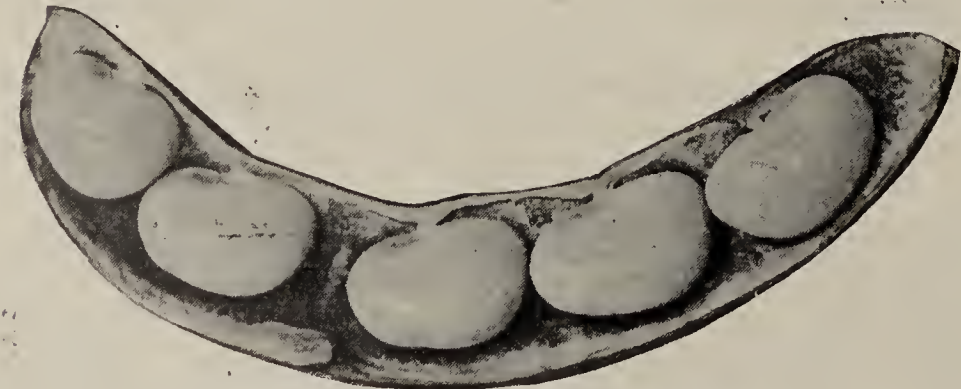
WARDWELL'S KIDNEY WAX. Particularly valuable for home and market garden. Plants large and thrifty. Pods attractive golden yellow; 5¾ to 6 inches long, ⅝ inch wide, ⅜ inch thick; fleshy, brittle, stringless, fine grained, and tender.

	½ lb.	Lb.	5 lbs.
DWARF WAX			
Brittle Wax .....	.25	.40	\$1.85
Davis Stringless Wax .....	.25	.40	1.85
Pencil-Pod Black Wax ....	.20	.35	1.50
Improved Rustproof Golden Wax .....	.20	.35	1.50
Black Wax .....	.20	.35	1.50
Sure-Crop Wax .....	.25	.40	1.85
Wardwells Kidney Wax ...	.20	.35	1.50

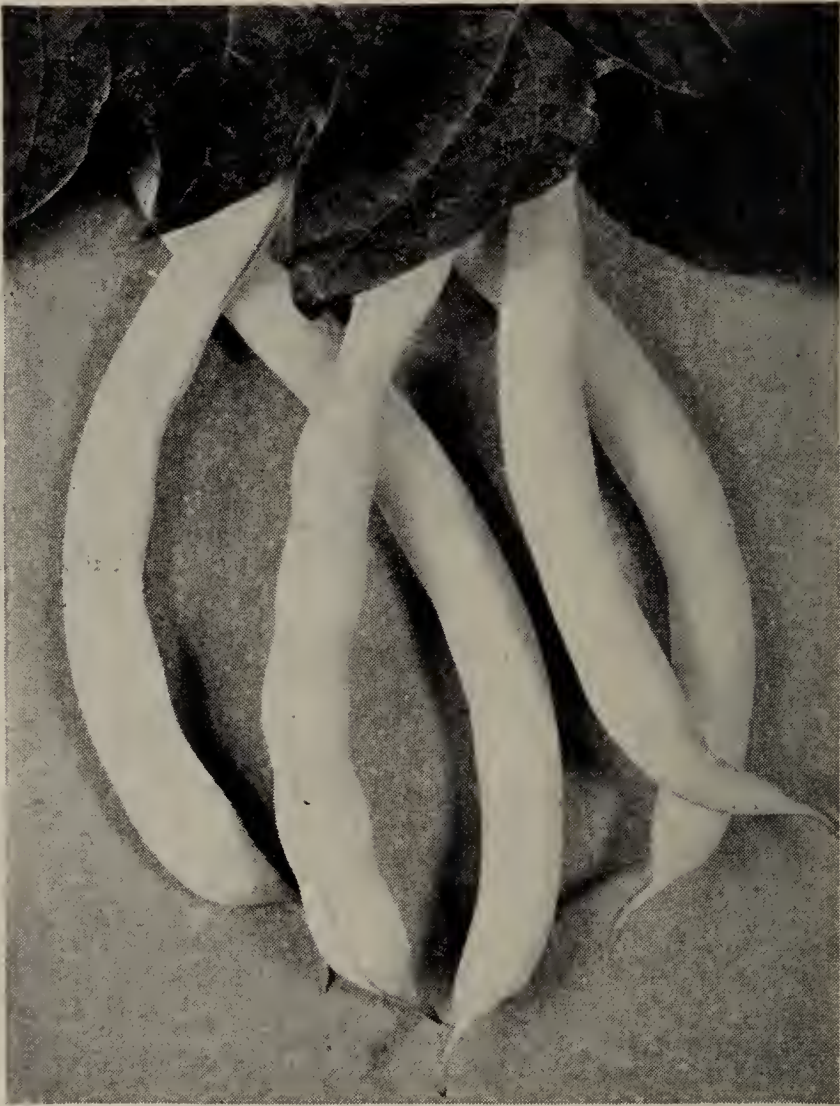
POLE LIMA BEANS

One pound will plant 100 hills; 30 pounds will plant an acre

CHALLENGER. A very productive, medium late variety. Plants are strong and vigorous, covered with pods containing 3 to 5 thick, light green Beans. Pods average 3½ to 4 in. in length. Of excellent quality.



Pole Lima, King of the Garden



Rustproof Golden Wax Beans

KING OF THE GARDEN. A strong grower and uniformly large podded. The pods contain 4 and often 5 large beans. These beans are of excellent quality, easily shelled, and of handsome appearance.

EARLY LEVIATHAN. An early, hardy, and most prolific Pole Lima Bean producing a handsome crop of large pods soon after Burpee's Sunnybrook Pole Lima. It is extremely productive, due to the fact that the pods are borne continuously until late in the season. Long, straight pods.

CAROLINA OR SIEVA. The "Butter Bean" of the South. The vines quickly produce a fine crop of small attractive pods and continue bearing until frost. This variety is extremely popular throughout the South. It is also well worth growing in the North.

BUSH LIMA BEANS

One pound for 100 hills or 100 feet of row; 60 pounds plant an acre

BURPEE'S IMPROVED BUSH LIMA. The bush is 30 inches in height and 24 inches across the top. The pods, often found in clusters of 5 to 10, measure about 6 inches in length, and well over an inch in width. The Beans are very large and thick, 4 or 5 to a pod.

FORDHOOK BUSH LIMA. The Beans are very much thicker than Burpee's Improved, meaty, 4 to the pod, very tender and juicy, and retain their green color. Bears the large pods in clusters and is a very heavy yielder.

	½ lb.	Lb.	5 lbs.
Caroline .....	.25	.40	\$1.85
Challenger .....	.20	.35	1.50
King of Garden .....	.20	.35	1.50
Early Leviathan .....	.25	.40	1.85
BUSH LIMA			
Burpee's Improved .....	.20	.35	1.50
Fordhook .....	.25	.40	1.85

CABBAGE

CULTURE—Sow early in January or February, and transplant to flats or frames about 2 inches apart; plant in open ground when weather conditions permit and ground can be thoroughly worked, 20 inches in rows 2 feet apart.

One ounce will produce about 3,500 plants.

GOLDEN ACRE. An early variety which closely resembles Copenhagen Market in type. As its name implies, it is a money-maker. It is 8 to 10 days earlier than Copenhagen Market but is smaller and can be planted closer. Our strain heads uniformly.

COPENHAGEN MARKET. Extra-early round head, very solid, an excellent variety for early market use.

SELECTED EARLY JERSEY WAKEFIELD. Our strain of this excellent extra-early, pointed-head sort is without a parallel. The heads are small compared with the later Charleston Wakefield, but are solid and extremely uniform in both green color and size.

CHARLESTON, OR LARGE WAKEFIELD. A little later than above type, of wonderful keeping qualities; highly recommended for market gardeners.



Golden Acre Cabbage

	Pkt.	Oz.	¼ lb.	Lb.
GOLDEN ACRE	\$.15	\$.75	\$2.50	\$7.50
COPENHAGEN MARKET . . . . .	.10	.70	2.25	7.00
EARLY JERSEY WAKEFIELD . . . . .	.10	.50	1.50	5.00
CHARLESTON WAKEFIELD . . . . .	.10	.50	1.50	5.00

	Pkt.	Oz.	¼ lb.	Lb.
DAN. ROUNDHEAD, SHORT STEM	\$.10	\$.50	\$1.80	\$7.00
HOLLANDER . . . . .	.10	.50	1.75	6.00
LATE FLAT DUTCH . . . . .	.10	.50	1.50	5.00
SUCCESSION . . . . .	.10	.50	1.50	5.00
MAMMOTH ROCK RED . . . . .	.10	.50	1.75	6.00
SAVOY CABBAGE Perfection Drumhead . . . . .	.10	.50	1.75	6.00
CHINESE CABBAGE Pe-Tsai . . . . .	.10	.60	1.75	6.00
Wong Bok . . . . .	.10	.60	1.75	6.00

AMERICAN DRUMHEAD SAVOY. The largest of the Savoy family; solid head, well crinkled, which adds to the beauty of this type; crisp and of rich flavor.

DANISH ROUNDHEAD, SHORT-STEMMED. One of the best-keeping varieties ever originated. Heads are round, large, heavy and very hard.

LARGE LATE FLAT DUTCH. Large flat head, solid and of exceptional flavor, one of the best for winter use.

MAMMOTH ROCK RED. This late standard variety produces very solid, 10-pound heads of intense dark red color. The plant is large with numerous spreading leaves and is sure-heading. Used very largely for pickling on account of its excellent flavor and attractive color and produces the largest heads of the red varieties.

SUCCESSION. A foremost Cabbage for all purposes, doing exceptionally well, under ordinary conditions, for either spring, summer, or fall planting. The enormous, flat, solid heads are uniform and of fine quality.

CHINESE CABBAGE

One ounce produces 2,000 plants; ¼ to ½ pound will plant an acre

We advise that the seed be sown in July (not any earlier or later) because Chinese Cabbage has a tendency to bolt to seed in warm weather. Either start in frames and transplant, or, better still, simply sow where the plants are to remain in rows 2½ feet apart, thinning to from 12 to 18 inches apart in the row. This spacing will produce heads weighing 6 to 10 pounds each. If the spacing is reduced to 10 inches apart in the row and the rows to 2 feet apart, it will grow heads 1½ to 2 pounds each.

WONG BOK. This is the original Chinese-grown strain, producing a heavier and more solid head than the Pe-Tsai variety. Has a deliciously mild Cabbage flavor, and the pale green, closely wrapped leaves blanch to almost pure white.

CHINESE OR CELERY CABBAGE, PE TSAI. There are numerous varieties of this Cabbage on the market but we believe this is the best of them all. It resembles Cos Lettuce more than Cabbage.

CARROTS

CULTURE—Sow in light, loamy soil late in April, barely covering the seed over ½ inch in rows 18 inches apart; thin out to 2 inches in row. Keep the soil loose around the plants by cultivation. One ounce will sow about 150 feet of drill, 3 to 4 pounds to the acre.



Danvers Carrot

CHANTENAY HALF-LONG. A medium-early, half-long, smooth, blunt-rooted sort of deep orange-red color and delicate flavor. As it has a nice top, it is very popular for bunching and for frame use, allowing close planting. Shaped broadest at shoulder, tapering toward base and running suddenly to a point; the root averages 6 inches in length.

DANVERS HALF-LONG. This sort is slightly longer than Chantenay, growing 7 to 8 inches long, is square-shouldered, tapering gradually to a blunt point. The root is smooth and handsome, of an orange-red color, with sweet, crisp flesh. For main planting it has no superior, and when sown during June it produces the best roots to store away for later use in winter.

EARLY FRENCH FORCING. Short, fine for early use; the added rich, red color makes it an ideal variety; very tender.

OXHEART. A stump-rooted sort with light, scant foliage. Root is 5 inches long and 3 to 4 inches in diameter, bright orange-red, tender and sweet.

SELECTED LONG ORANGE, IMPROVED. The best for stock feeding; being of pleasing flavor; pulled small makes a fine table dish.

CARROT	Pkt.	Oz.	¼ lb.	Lb.
Chantenay .....	.10	\$.30	\$.75	\$2.00
Danvers .....	.10	.30	.75	2.00
Early French				
Forcing .....	.15	.35	1.00	3.00
Oxheart .....	.10	.25	.65	1.75
Long Orange .....	.10	.25	.65	1.75

CAULIFLOWER

CULTURE—Sow seed early in February and prick out in flats or pots; transplant in open late in May in rich soil well cultivated, 2 feet apart in rows and 2½ feet between rows. Work in a little fertilizer now and then to stimulate the plants. One ounce will produce about 3,500 plants.

EARLY SNOWBALL. An extra-early variety, but has displaced many of the large late sorts for fall use. It is of fine quality and produces snow-white heads, averaging 8 to 10 inches in diameter. It is small-leaved and is grown extensively under glass during winter and spring. Its close-growing, compact habit permits planting one-third more the number of plants on the same space of ground than is possible with other standard varieties.

EARLY DWARF ERFURT. For very early outdoor crop in spring, or for sowing in May for fall crop. The plant is vigorous and makes a strong, sturdy, dwarf, compact frame. The flowers are large, even in surface, with a very fine "curd." Early Dwarf Erfurt is commonly used for forcing.

DRY WEATHER. All cauliflower plants need an abundance of moisture, doing best on reclaimed marshes with wet bottom soil.

VEITCH'S AUTUMN GIANT. Very vigorous, long-stalked, large, dense foliage, stiff heads, long standing; should be sown early.



Cauliflower Snowball

CAULIFLOWER	Pkt.	¼ oz.	Oz.
Dry Weather	\$.20	\$1.50	\$5.00
Early Dwarf Erfurt .....	.15	1.25	3.50
Early Snowball .....	.20	1.25	3.50
Veitch's Autumn Giant ..	.10	.50	1.80

CARDOON

One ounce will produce 300 plants

LARGE SPANISH. Large, fleshy-leaved plants, used as a winter vegetable. The blanched stalks and ribs of the inner leaves when cooked are tender and of an agreeable flavor.

CELERIAC

TURNIP-ROOTED CELERY

One-fourth ounce will sow 100 feet of row

LARGE SMOOTH. Produces large, smooth roots of fine quality, which are used as a flavoring or eaten as a salad. The "knob" will grow larger if the outer leaves are pulled and used for soup greens. This strain is fine-grained, free from the side roots, and has a short top.



Large Smooth Celeriac

CARDOON	Pkt.	Oz.	¼ lb.	Lb.
Large Spanish	\$.10	\$.30	\$1.00	\$3.50
CELERIAC .....	.10	.60	1.50	4.00

CELERY

CULTURE—Sow in frame and transplant to flats; thin out to 4 inches, then when ground can be worked, set out 6 inches apart in trenches or rows, 3 to 4 feet apart, hill up or board up to blanch. Celery can be left out in trenches by making drain pit at front of trench, then bank up high with leaves or straw, or pack away in dark cellar. One ounce will produce about 4,000 plants.

DWARF GOLDEN SELF-BLANCHING. Our stock of this famous variety, long a standard for early use, is unsurpassed. The plants produced by our seed are compact and stocky with yellowish green foliage turning to golden yellow with a slight earthing up. Stalks are ivory-white, very thick, broad, solid, crisp and of fine flavor.

IMPROVED WHITE PLUME. One of the best for early fall and winter use, being more of a self-branching type than other varieties; of fine flavor and texture.

EASY BLANCHING. Vigorous, plants medium size, stalks slightly taller than Golden Self-Blanching, white, crisp, thick, brittle, tender stalks, blanches easily, of an aromatic or nutty flavor, foliage very crumpled. About two weeks later than Golden Self-Blanching.

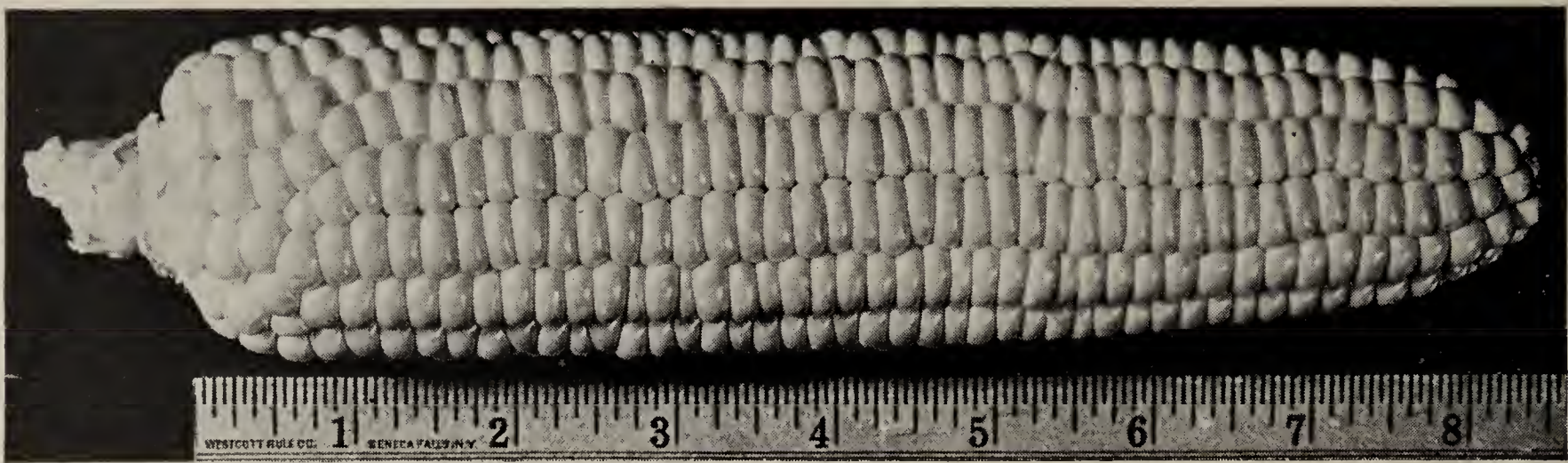
GIANT PASCAL. A very desirable long-keeping green winter variety, growing about 2 feet high, making broad, thick, stringless stalks and large hearts. The hearts blanch to golden yellow and the crisp, solid stalks to a pearly white. Giant Pascal is the finest-flavored Celery, exceeding all others in its rich nutty flavor.

WINTER QUEEN. Best late; fine keeper, good grower, making thick, solid stalk of excellent flavor.



Golden Self-Blanching Celery

CELERY	Pkt.	½ oz.	Oz.	¼ lb.
Golden Self-Blanching	\$.15	\$.70	\$1.25	\$3.50
White Plume .....	.10	.40	.75	2.50
Easy Blanching .....	.20	.75	2.00	7.00
Giant Pascal .....	.10	.40	.75	2.50
Winter Queen .....	.10	.30	.50	1.75



Whipple's Yellow

SUGAR CORN

Corn prices subject to change without notice

CULTURE—Do not plant until late in May and the ground is thoroughly worked; four to six seeds to a hill, 3 feet apart each way. Keep well cultivated. For succession plant every 10 days. One quart will plant about 200 hills; 10 quarts to the acre.

BANTAM EVERGREEN. A cross between Golden Bantam and Stowell's Evergreen. It is second early to late in season and produces 8-inch golden yellow ears, 12-rowed, filled with big, deep grains.

EARLY EVERGREEN. This excellent variety resembles Stowell's Evergreen, but matures about 10 days earlier than that variety.

GOLDEN BANTAM. The plant is only 4 to 5 feet high and it grows so compactly that it may find a place in the smallest garden. The ears, though small, are of a most convenient size for the table, just right to serve whole. They are filled from butt to tip with deep, broad grains of attractive color and most delightful flavor.

GOLDEN NUGGET. About as early as Bantam but produces more ears per stalk; has the same luscious flavor, and rich yellow color.

HOWLING MOB. Ears about 7 inches long. Height of stalk 4½ feet. Large broad grains. A popular variety for early summer planting as it ripens a little earlier than Stowell's Evergreen, and is not so liable to be caught by frost.

PEEP-O'DAY. Extra-early, short stalk, often producing two ears to the stalk for so small a type; small ears, but filled with extremely sweet kernels.

STOWELL'S EVERGREEN. Ears are very white, having deep-set kernels of very fine quality, remaining in a green state for a long period, 7 to 9 inches long and 18-rowed; the stalks grow 7½ feet.

COUNTRY GENTLEMAN. Small cob, with long pointed kernels, irregular rowed; probably the sweetest of all Corns and keeps its flavor a long time after picking.

WHIPPLE'S EARLY WHITE. This variety, with the deep grain of the Evergreen type, matures a few days after Forbes Early. The stalks are 5 to 6 feet high, of vigorous growth; the ears often two to the stalk, are 8 inches long, rather "blocky" in form, 16- to 18-rowed, filled to the end with rather narrow, deep wedge-shaped grains.

WHIPPLE'S YELLOW. Matures a few days before Golden Bantam and grows ears 7 to 8 inches long and 12- to 16-rowed, with often two ears to one stalk. Whipple's Yellow grows quite tall. The eating quality is very excellent.

BLACK MEXICAN. Blue-black when picked, but becomes nearly white after cooking. But for its color would be grown more, for it is very sweet and does not dry up quickly.

	½ lb.	Lb.	5 lbs.
BANTAM EVERGREEN	\$.20	\$.35	\$1.50
COUNTRY GENTLEMAN ...	.20	.35	1.50
Early Evergreen .....	.20	.35	1.50
Golden Bantam .....	.20	.35	1.50
Golden Nugget .....	.20	.35	1.50
Howling Mob .....	.20	.35	1.50
Stowell's Evergreen .....	.20	.35	1.50
Whipple's Early White .....	.20	.35	1.50
Whipple's Yellow .....	.20	.35	1.50
Black Mexican .....	.20	.35	1.50

CHICORY

CULTURE—Sow in open in May like you would carrots, in rows 12 inches apart; thin out to 3 inches in row and allow to remain in ground until fall.

WITLOOF. (French Endive.) Served as a salad in winter and is very palatable if French dressing is served with it.

COMMON, OR WILD. Better known than above but doesn't make so large a head.

CHICORY			
Large-rooted .....	.10	.35	1.00 3.50
Witloof (French Endive) ..	.10	.35	1.00 3.50



Witloof Chicory or French Endive

CUCUMBERS

CULTURE—Sow about six seeds in hills of rich loamy soil, 1 inch deep, hills 4 to 6 feet apart; pull out the weak plants, leaving four to fruit; cultivate and fertilize well. By pinching main lateral it produces the fruit earlier on other laterals. One ounce will plant about 60 hills; about 3 pounds to the acre.



Cucumber, Early White Spine

IMPROVED EARLY WHITE SPINE. Medium size, light green, straight fruit; fresh, crisp, making it a good pickler as well as for table use. An extremely desirable variety for market gardeners because of size and quality.

LONG GREEN IMPROVED. The vigorous vines bear slender, dark green fruits, 12 to 15 inches long. The bulk of the crop matures late. This variety is largely grown for pickles.

COOL AND CRISP. One of the best bearers, fine shape and medium early.

JAPANESE CLIMBING. Ornamental, besides being a fine pickling variety.

KLONDYKE. This variety has taken its place among the leaders because of its size, fine form, hardness and yield; a very profitable one to grow.

SHORT PROLIFIC OR GREEN PROLIFIC PICKLE.

A short-vined, short-fruited, productive variety, producing fruit for pickling in a comparatively short time. Black Spine, an abundant bearer, highly recommended for pickles, for which it is used by many of the most famous pickling establishments. Short vine allows planting in rows as close as 2½ feet.

JERSEY PICKLE. A short black-spined, productive sort, having the reputation of ripening better than any other variety and of holding its color. Early spring sowing will develop fruit of pickling size 2 to 3 inches, in 50 days. Good green color at stem, and paling to light yellowish green at tip. Distinctly showing 9 ribs with warts, and black spines.

GHERKIN, BURR OR WEST INDIA GHERKIN. A round, prickly Cucumber. Used for pickles only. The seed gets very hard, consequently, before planting, it should be soaked well as it takes it so long to sprout under ordinary conditions. Form of fruit resembles a horse chestnut burr.

CUCUMBERS	Pkt.	Oz.	¼ lb.	Lb.
White Spine	\$.10	\$.25	\$.65	\$1.75
Long Green Improved..	.10	.25	.65	1.75
Cool and Crisp .....	.10	.30	.75	2.00
Japanese Climbing ....	.10	.25	.65	1.75
Early Green Prolific ..	.10	.30	.75	2.00
Jersey Pickle .....	.10	.25	.65	1.75
Klondyke .....	.10	.30	.75	2.00
Gherkin .....	.10	.35	1.00	3.00

ENGLISH FORCING or FRAME CUCUMBER

TELEGRAPH. A superior variety, handsome, with small neck and very prolific. Pkt. 50c, 25 seeds.

TENDER AND TRUE. Pkt. 50c, 25 seeds.

THE ROCHFORD. Pkt. 50c, 25 seeds.

CORN SALAD
or FETTICUS

A refreshing winter salad. Can also be cooked and used like Spinach. Plant is of quick growth and hardy. For spring crop sow seed ½ inch deep in rows 1 foot apart and thin to 6 inches in rows. This crop should be ready in about 8 weeks. For extra-early crop, sow seed in September and cover with straw or leaves in northern states. For fall use, a sowing should be made in July or August. One ounce will plant a row 50 feet long.

COLLARDS

One ounce will sow 200 feet of row

GEORGIA. Cultivation same as Cabbage, of which it is really a tall loose-leaved form. Grows 3 feet high, forming a cluster of undulated leaves at the top of its long stem.

CRESS

One ounce will sow 100 feet of drill; 12 pounds will sow an acre

BROAD LEAF OR UPLAND. Has the same flavor as water cress. Green all year; ready before any other salad.

EXTRA CURLED OR GARDEN. (Pepper Grass.) Crisp, pungent leaves; finely cut, dwarf, and compact. This is used principally for garnishing.

COLLARDS				
Georgia .....	.10	.20	.50	1.50
CORN SALAD				
Broad-leaved .....	.10	.30	.75	2.25
CRESS				
Broad Leaf (Upland)..	.10	.20	.50	1.50
Extra Curled .....	.10	.20	.50	1.50

DANDELION

CULTURE—Sow 1 inch deep in rich loamy soil; thin out to 12 inches apart in rows; plants are better the following spring if protected by leaves during the winter months. One ounce to 100 feet of drill.

FRENCH GARDEN. Pkt. 10c, oz. \$1.00, ¼ lb. \$3.50.

DILL

One ounce will sow 100 feet of drill

MAMMOTH. A hardy annual seasoning plant. The aromatic seeds are used for flavoring. Sow in spring, in drills 1½ feet apart, covering lightly, and thin out to 9 inches apart. Cultivate carefully and harvest when the seed is fully matured.

EGGPLANT

CULTURE—Sow indoors early in March or April and transplant into small pots; set out in the middle of June in rows 3 feet apart each way, keep well cultivated and fertilize occasionally. One ounce will produce about 1,000 plants.

GREEN CURLED. This variety is sometimes called Oyster as in the Eastern states where Oysters on the shell are exhibited, it is frequently used as a garnish to display them. This is a hardy growing variety, 16 to 18 inches in diameter, with deep green leaves. When tied up these plants of red foot-stalks bleach white very quickly. It is a great favorite with those who desire a curly Endive. See photo.

NEW YORK IMPROVED. Large purple. Best cropper of all; fruit of good size and shape, solid and of excellent quality; a little later than other.

BLACK BEAUTY. This is the earliest and best of all the large-fruited Eggplants, 10 days earlier than New York Improved Spineless. The bushes are well rounded, sturdy, branching freely near the ground. The large fruits are thick, heavy at the base and reducing toward the stem, of a dark purplish black color. Use this for your main planting.

EARLY LONG PURPLE. This is one of the earliest maturing varieties and is quite hardy. It is very prolific, with club-shaped, dark purple fruits measuring 6 to 8 inches long and 2 to 3 inches in diameter.



Black Beauty Eggplant



Green Curled Endive

ENDIVE

CULTURE—Sow in open ground in May about 1 inch deep; thin out to 1 foot, in rows 2 feet apart. After plants are fully grown, tie up to blanch, which should be done when plants are dry so as to prevent rot, for any dew or dampness will injure foliage. One ounce will plant about 250 feet of drill.

WHITE CURLED. A variety of white or light-colored leaves. Distinct. More delicate and smaller in form than the large green curled. Less astringent than the green and is slightly easier to bleach. Used extensively for a decoration as well as a salad.

BROAD-LEAVED BATAVIAN or ESCAROLLE. Foliage broad and flat, 16 inches in diameter—deep green leaves with thick midrib, that is exceedingly palatable when well bleached. Stands dry weather better than any other sort of Endive. We believe that this variety is unsurpassed for salad when it is bleached by an experienced gardener.

FENNEL

One ounce will sow 75 feet of drill

FLORENCE. This variety produces numerous leaf-stalks crowded at the base, thereby forming a bulb-like vegetable above the ground-level. These are cut before the plant comes into flower and served as a salad or boiled before eating. Sow early in spring, later for succession.

DILL	Pkt.	Oz.	¼ lb.	Lb.
Mammoth . . . . .	.10	.25	.65	1.75
ENDIVE	Pkt.	Oz.	¼ lb.	Lb.
Broad Leaved	\$.10	\$.30	\$.75	\$2.00
Giant Green Curled . . . . .	.10	.30	.75	2.00
White . . . . .	.10	.35	.90	2.50
EGGPLANT	Pkt.	Oz.	¼ lb.	
Black Beauty	\$.10	\$.85	\$2.50	
Early Long Purple . . . . .	.10	.75	2.25	
New York . . . . .	.10	.85	2.50	
FENNEL				
Florence	\$.10	\$.30	\$.85	\$2.75

KALE

CULTURE—Sow outdoors early in May, in drills about 1 inch deep; thin out to 12 to 15 inches, in rows 2 feet apart. Cultivate as cabbage. Fine for feeding to chickens in fall and winter. Tastes better after slight touch of frost. One ounce will produce about 300 plants.

DWARF GREEN CURLED SCOTCH. The best for spring sowing in the North, and largely grown in the South. It is hardy and winters over in latitudes where the temperature does not go below zero. It is low-growing, rarely exceeding 18 inches in height, very hardy; with finely curled, spreading, bright green, long leaves which are produced in great abundance and keep well.

CURLED DWARF SIBERIAN. This is very vigorous, hardy, of dwarf spreading habit, with bluish green foliage, beautifully curled and crumpled at the edges. This variety will stand longer than any other sort before going to seed.

KOHLRABI

One ounce will sow 200 feet of row;
4 pounds will sow an acre

EARLY PURPLE. Very early, with small top, leaf-stems tinged with purple. Bulbs medium size, purple; flesh white and delicate. Used both for forcing and early outdoor planting.

SMOOTH WHITE VIENNA, SHORT-LEAVED. Very early, having few leaves, these being 8 inches long. Smooth white bulbs of medium size and fine quality, ready 75 days after sowing. A fine forcing sort and can be planted closely. The bulbs are of best quality when about 2 inches in diameter. This variety is well adapted for sowing in hotbeds about February 15 and transplanting when about 3 inches high, to permanent ground.



Dwarf Green Curled Scotch Kale

LEEK

One ounce will sow 100 feet of row;
4 pounds will sow an acre

AMERICAN FLAG. A very fine, early, productive variety, being a strong, quick grower, and of mild flavor. The stems are 2 inches in diameter and blanch 10 inches from the root.

LARGE CARENTAN. Grows to large size; is very mild and highly recommended.



Leek, American Flag



Smooth White Vienna Short-leaved Kohlrabi

KALE				
Curled Scotch .....	.10	.30	.75	2.00
Dwarf Green Curled				
Scotch .....	.10	.30	.75	2.00
Curled Dwarf Siberian..	.10	.25	.65	1.75
KOHLRABI				
Early Purple .....	.10	.35	.90	2.75
Large White Vienna ....	.10	.35	.90	2.75
Smooth White Vienna,				
Short-leaved .....	.15	.35	1.00	3.50
LEEK				
American Flag .....	.10	.35	1.25	3.50
Carentan .....	.10	.40	1.35	4.00

LETTUCE

CULTURE—For early use, sow in hotbeds or flats; transplant into coldframes, allow 10 inches between plants. For outdoors, sow about ½ inch deep in drills; about May 10, thin out or transplant in rows 18 inches apart; allow 12 inches between plants. Sow often for succession. Cultivate well to keep weeds down. One ounce will sow 150 feet of drill.

BIG BOSTON, WHITE-SEEDED. The large, flattened heads are solid and crisp. Plants are large, very hardy, and vigorous. Leaves smooth, thin, light green; edges wavy and tinged brown.

BLACK-SEEDED SIMPSON. A very large, clustering sort of attractive light yellowish green. The leaves are ruffled and blistered and of surprising tenderness. This is also used for under glass or in frame.

GRAND RAPIDS. Hardy, of quick growth, and fine for greenhouse forcing. The plant is carried upright, well above the soil, is little liable to rot and rust. It forms loose clusters of large, thin, bright green leaves, savoyed and finely crimped at the edges. Does not wilt quickly after cutting.

MAY KING. Early, compact, medium-sized heads of excellent quality. Outer leaves yellowish green, tinged reddish brown when mature. Hearts blanch to a rich golden yellow, and are tender and buttery.

NEW YORK, or WONDERFUL. Largest of all; called Cabbage Lettuce because of its size; crisp and tender.

SIMPSON EARLY CURLED. Curly variety; very early; use when unable to get heads.

SALAMANDER. Stands hot weather and forms a large, compact, light green plant with broad, thick, crumpled closely overlapping leaves.

ROMAINE, TRIANON COS. Head tall, firm, and very thick, blunt at top. Leaves are very light green, crimped, broad-ribbed, and long narrow spoon-shaped. Several days earlier than any other Cos.



Trianon Cos Romaine

MARTYNIA

CULTURE—Sow in open about May 20, in hills 2 feet apart. Often reseeds itself.

PROBOSCIDEA. Used for pickling. Pkt. 5c, oz. 60c, ¼ lb. \$1.50.

MARJORAM

One ounce will sow 150 feet of drill

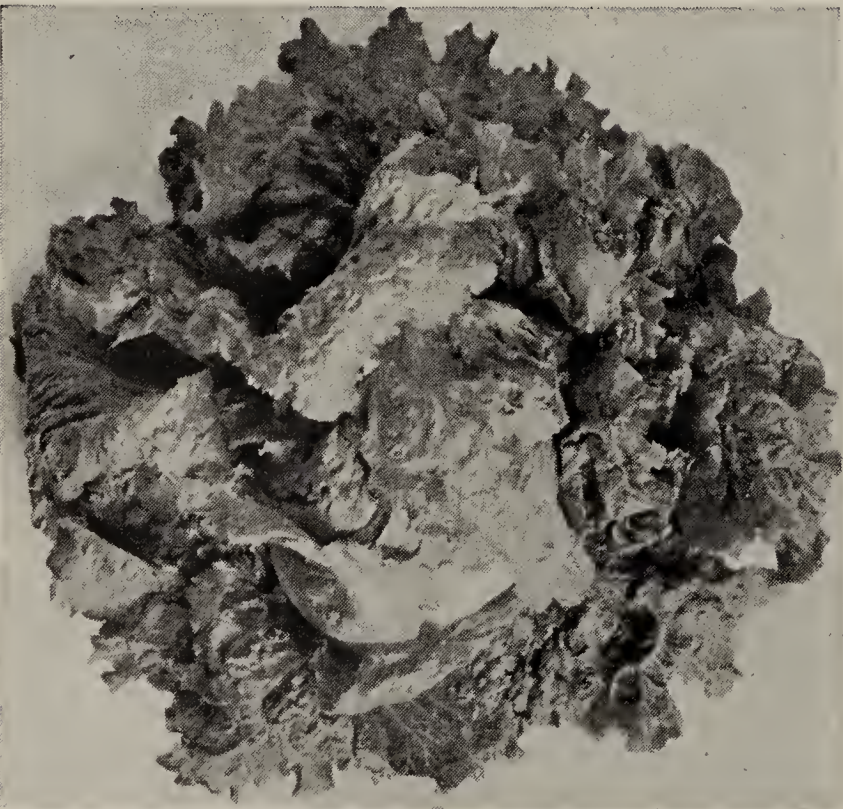
SWEET. This aromatic plant, although a perennial, is usually treated as an annual. It is used for flavoring stews. Sow seed in coldframe and transplant in rows 12 inches apart, spacing the plants 8 inches apart in the rows.

MUSTARD

One ounce will sow 100 feet of row; one pound will sow an acre in drills, 2 pounds if broadcast

FORDHOOK FANCY. Attractive plants of vigorous growth with long, slender, dark green, finely curled leaves having deeply cut edges. These curve outward like a fine ostrich plume. A strong grower and heavy yielder. The flavor is mild.

SOUTHERN GIANT CURLED. The leaves are large, colored light green, with a yellow tinge, and are much crimped at the edges. The plant is upright or slightly spreading and very hardy.



New York Lettuce

LETTUCE HEAD	Pkt.	Oz.	¼ lb.	Lb.
Big Boston, White-seeded	\$.10	\$.25	\$.70	\$1.75
Black-seeded Simpson...	.10	.25	.70	1.75
Grand Rapids .....	.10	.30	.75	2.00
May King .....	.10	.30	.75	2.00
New York .....	.10	.30	.75	2.00
Simpson Early Curled..	.10	.30	.75	2.00
Salamander .....	.10	.25	.70	1.75
Trianon Cos .....	.15	.50	1.50	4.25

	Pkt.	Oz.	¼ lb.	Lb.
MARJORAM, Sweet .....	.15	.50	1.75	...
MUSTARD				
Fordhook Fancy .....	.10	.20	.50	1.50
Southern Gt. Curled....	.10	.20	.45	1.25
White or English.....	.10	.20	.45	1.25

MUSKMELON

CULTURE—Plant in rich, loamy soil, hilled about — feet apart, 5 to 7 seeds about ½ inch deep per hill, thin out to about 4 plants to the hill. Use about 3 pounds for an acre. One ounce will plant about 60 hills.

OSAGE, EXTRA EARLY. The vines are vigorous and productive. Fruits are oval, medium to large size, with dark green skin, slightly ribbed and covered with shallow netting. The flesh is orange-colored, and deep. Its small cavity and great solidity make it a perfect shipper.

EMERALD GEM. The thick, salmon-colored flesh is granular, rich, and luscious. Largely grown on account of its convenient size.

HALE'S BEST. This is a new variety and originated in the Imperial Valley in California. It is a remarkably early melon of very fine flavor. The salmon flesh is exceptionally thick with very small seed-cavity.

HONEY ROCK. Without a doubt the sweetest of all melons. It has good, thick flesh; deep orange color.

ROCKY FORD, or NETTED GEM. This is a vigorous, medium-early variety. Fruits are oval, slightly ribbed, and covered with fine netting. The flesh is thick, green, and highly flavored.

MILLER'S CREAM. Large, round fruit with netted skin; thick, juicy, salmon-colored flesh.

MELONS	Pkt.	Oz.	¼ lb.	Lb.
Bender's Surprise	\$.15	\$.35	\$1.00	\$3.00
Emerald Gem . . . . .	.10	.25	.75	2.25
Golden Osage . . . . .	.10	.30	.90	2.50
Hale's Best . . . . .	.15	.35	1.00	3.00
Honey Rock . . . . .	.10	.30	.90	2.50
Rocky Ford . . . . .	.10	.25	.75	2.25
Miller's Cream or Osage	.15	.35	1.00	3.00



Pure Culture Mushroom Spawn

AMERICAN PURE CULTURE SPAWN

Ten pounds will spawn 10 square feet

This type produces larger Mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time. This spawn is produced by selecting spores from individual specimen Mushrooms, and is propagated and transferred to the bricks of manure, which, when planted, produce Mushrooms all of one type.

Per brick (about 1½ lbs.) 40c, 10 bricks \$3.50, 20 bricks \$6.50, 100 bricks \$30.00.



Bender's Surprise Muskmelons

BENDER'S SURPRISE. The flesh is deep orange and very thick. The large, oval-shaped, coarsely but scantily netted melons often weigh from 10 to 15 pounds each. The flesh is so thick and the rind so firm that Bender's Surprise will keep perfectly for a week after picking and the flavor will actually improve.

MELONS FOR FORCING

(Imported Seed)

BLLENHEIM ORANGE. Well known variety; orange-scarlet flesh; very prolific. Pkt. 35c.

ROYAL SOVEREIGN. Often weighs six pounds; thick, white flesh, tinged green; thin rind. Pkt. 35c.

WINDSOR CASTLE. Oval fruit, large, slightly netted, green and of fine flavor. Pkt. 35c.

MUSHROOMS

One brick of American or English Spawn is sufficient for a space 4 feet by 2 feet; it should be broken into small pieces and these inserted 2 inches deep and 6 inches from piece to piece. Mushrooms are quite easy to grow in any enclosure where a constant temperature of 50 to 65 degrees can be maintained. Obtain a quantity of fresh stable manure and place it in a heap under cover for it to heat; turn it daily for five days and then make your bed 18 inches deep, 3 feet wide and as long as convenient. Have your manure moderately firm. Test the temperature of the bed every day with a thermometer (a hotbed thermometer specially made for the purpose we supply at \$2.50) and when you find it has commenced to fall, get ready to "spawn" the bed. When 85 degrees has been reached in the drop of the mercury break your spawn into pieces and plant them 2 inches deep. Cover the bed with a 2-inch layer of really good loamy soil and over this put a layer of straw; watch the surface of the bed and if it appears dry, sprinkle it lightly with a little warmed water. Mushrooms appear in six or seven weeks.

WATERMELON



Kleckley's Sweets Watermelon

One ounce will plant about 20 hills;
3 to 4 pounds will plant an acre

COLORADO PRESERVING CITRON. Medium, round; dark green, marbled light green. These can be kept in good condition for a long time.

TOM WATSON. Is a very exceptional shipping variety, owing to its tough rind. Grows very large, long melons of a dark green color; a very attractive fine keeper. Flesh is a rich red, sweet, and crisp.

HARRIS' EARLIEST. This melon ripens very early and is one of the best varieties on this account to raise in the northern states. Anyone who has light soil in a sunny warm situation can raise these melons. The fruit is oblong and marbled with light and dark green. The flesh is bright red and of good quality, though not of the best. This is a short-season sort.

KLECKLEY'S SWEETS. This is one of the best for market gardeners who grow for their home market. The vines are vigorous and productive; fruits are medium to large, oblong, tapering slightly toward the stem end; dark green. The flesh is very bright, rich red and is exceedingly sweet, crisp, and tender.

WATERMELON	Pkt.	Oz.	¼ lb.	Lb.
Col. Preserv. Citron....	\$.10	\$.30	\$.75	\$2.00
Harris' Earliest .....	.10	.30	.75	2.00
Kleckley's Sweets .....	.10	.25	.65	1.75
Tom Watson .....	.10	.25	.65	1.75

OKRA

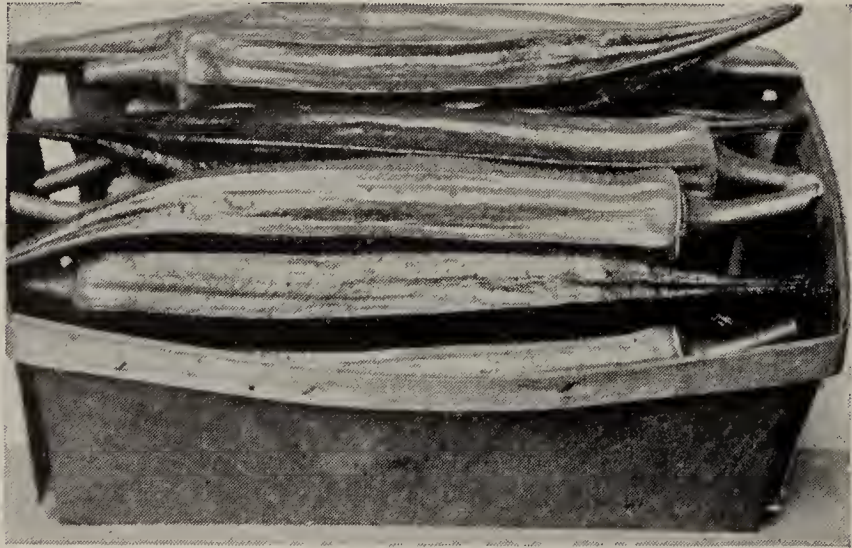
One ounce will sow 100 feet of row;
8 pounds will sow an acre

Sow after soil is warm, in rows 3 feet apart, 18 inches apart in the row. The pods should be gathered while still young and tender, before the woody fiber develops.

DWARF PROLIFIC. Of dwarf, stocky growth, very early and prolific. Excellent for general crop.

PERKINS' MAMMOTH. This variety is about 3 feet high, very early and productive. Pods are deep green, very long, slender, slightly corrugated, very tender and of good quality. A fine market variety.

WHITE VELVET. This Okra takes its name from the smoothness of its pods, which are round, differing in this respect from the old sort.



Perkins' Mammoth Okra

OKRA	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Prolific	\$.10	\$.20	\$.40	\$1.00
Perkins' Mammoth .....	.10	.20	.40	1.00
White Velvet .....	.10	.20	.45	1.25

ONIONS

CULTURE—Sow early, about 1 inch deep, in drills 18 inches apart; thin out to about 3 inches in row. For Spanish Onions, or extra large show Onions, sow under glass in January and transplant in April or May in open, about 3 to 4 inches apart. One ounce will sow about 200 feet of drill, 4 to 5 pounds to the acre.

AILSA CRAIG. An extra-large Onion, often grown for show purposes, globular shape, with straw-colored skin; very mild.

SOUTHPORT WHITE GLOBE. The finest of all white Onions. A good shipper and keeper. Our stock has the true globe shape, full at the base and shoulder.

WHITE PORTUGAL, or SILVERSKIN. A fine white sort for sets, or bunching when young. Mature bulbs are of medium size flattened globe with silver-white skin. For summer and early fall use.

WHITE QUEEN. Very early, clean-skinned for bunching when young.

WHITE WELSH. A perennial forming small slim Onions, used only for bunching. The summer crop is sown in spring.

MICHIGAN, or OHIO YELLOW GLOBE. Large globe-shaped, with flattened base, small-necked and ripens uniformly; flesh is creamy white, and mild.

PRIZETAKER. Large, late, nearly globular in form, sloping slightly at shoulder and base. Skin is yellowish brown.

SELECTED YELLOW GLOBE DANVERS. The bulbs, of medium to large size, are uniformly globe-shaped, with small neck and ripen evenly to a rich copper-yellow. The flesh is creamy white, crisp, solid, and mild. An excellent keeper, fine for distant shipping.

SOUTHPORT YELLOW GLOBE. The bulbs are large, globe-shaped, with rather full shoulder, of a rich yellow color; ripen down evenly; good keeper and shipper. Flesh is creamy white, fine-grained, and of excellent flavor. Very hardy but matures later than Ohio Yellow Globe.

SOUTHPORT RED GLOBE. Main-crop Onion with large-sized, perfect globe-shaped bulbs, smooth and glossy, with small neck, and of deep purplish red. Flesh is white, tinged light purple, fine-grained, but strongly flavored.



Southport Yellow Globe Onions

ONION SETS

Prices subject to change

- WHITE. Qt. 30c, ½ pk. \$1.15.
- YELLOW. Qt. 30c, ½ pk. \$1.15.
- RED. Qt. 30c, ½ pk. \$1.15.
- WHITE POTATO, or MULTIPLIER. Qt. 50c, ½ pk. \$1.60.
- SHALLOTS. Qt. 50c, ½ pk. \$1.30, pk. \$2.25.

PARSNIP

One ounce will sow 150 feet of row;
4 pounds will sow an acre

HOLLOW-CROWN. This is an unusually fine strain with deeply hollowed crowns where the leaf-stems join the root-top. The shapely, heavy-shouldered roots are about 12 inches long and smoothly taper down to a small root. Its smooth white skin and uniform roots make it sell readily on the market. The flesh is fine-grained and tender.



Hollow-Crown Parsnips

ONION	Pkt.	Oz.	½ lb.	Lb.
Ailsa Craig	.....	\$.15	\$.50	\$1.75 \$4.50
Southport White Globe	.10	.35	1.00	3.00
White Portugal	.....	.10	.35	1.10 3.25
White Queen	.....	.10	.35	1.00 3.00
White Welsh	.....	.10	.35	1.00 3.50
Michigan, or Ohio Yellow				
Globe	.....	.10	.35	1.00 3.00
Prizetaker	.....	.10	.35	1.10 3.25
Selected Yellow Globe				
Danvers	.....	.10	.35	1.10 3.25
Southport Yellow Globe	.10	.35	1.00	3.00
ONION, RED				
Southport Red Globe..	.10	.35	1.10	3.25
PARSNIP				
Hollow-Crown	.....	.10	.25	.60 1.75



Extra Double Curled Parsley

PEPPER

CULTURE—Sow indoors in March; transplant into flats or pots, then in May, after all danger of frost has passed, set out 18 inches, in rows 30 inches apart. Keep well cultivated and fertilize often.

CHINESE GIANT. Half again as large as Ruby King; thick flesh, highly recommended.

WORLD BEATER. A very large Pepper, not as broad as Chinese Giant but much longer. Of same season as Ruby King. A vigorous grower, sure cropper, and very prolific. The fruit is a beautiful scarlet, exceedingly mild; flesh thick and firm, making this variety an excellent shipper.

LONG RED CAYENNE. Red hot, slender, pointed 3-inch pods taper from 1/2 inch to the point.

RED CHILI. Pods are 2 inches long and 1/2 inch in diameter, tapering. Very hot.

RUBY KING. Plants are about 2 1/2 feet high, vigorous, compact and very productive. The fruits are 4 to 5 inches long, of a deep green color when young and bright red when ripe. The shape is similar to Bull Nose but longer, slimmer, far more symmetrical and more perfectly formed. Flesh is thick and mild.

LARGE BELL or BULL NOSE. Large, early variety; bright red; mild.

PARSLEY

One ounce will sow about 150 feet of drill

CULTURE—Parsley requires a rich, mellow and deep soil. Soak the seed for a few hours in tepid water, and sow early in the spring in drills 1 foot apart and 1/2 inch deep. Thin out the young plants to 4 inches. Hamburg Parsley should be treated the same as carrots.

EXTRA DOUBLE CURLED. A standard market variety, used for garnishing and flavoring. The leaf is finely cut and curled and a vivid green in color. Handsome.

CHAMPION MOSS CURLED. A particularly beautiful type. As its name implies, a bed of this has the appear

HAMBURG, or PARSNIP-ROOTED. This variety is grown for the roots, which mature early, are short, thick and in appearance like a parsnip, although smaller.

SELECTED EXTRA-DOUBLE CURLED.



Chinese Giant Pepper

PUMPKINS

One ounce will plant about 25 hills;
4 pounds will plant an acre

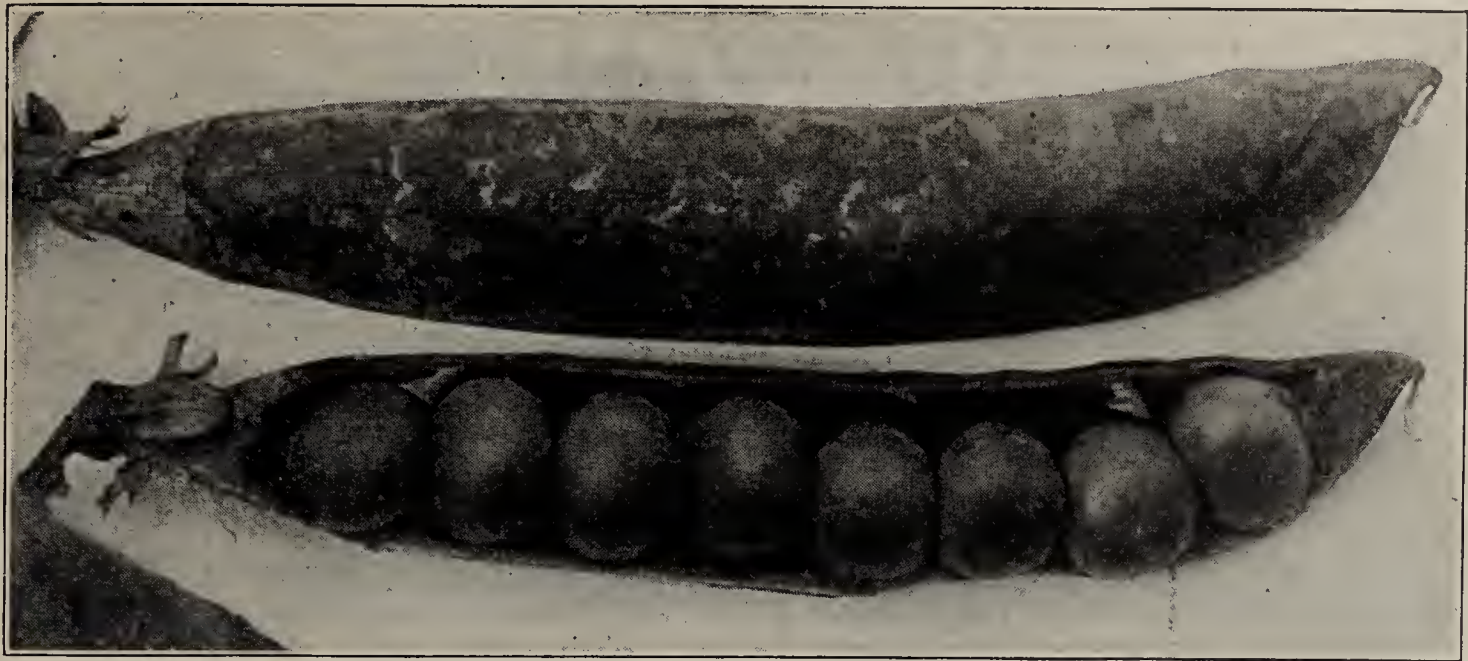
CONNECTICUT FIELD. Large, orange-colored, a little deeper than round and slightly flattened. Grown between corn for stock-feeding; also makes good pies.

LARGE CHEESE, or KENTUCKY FIELD. The fruits are large flattened-round. The skin is mottled light green and yellow, changing to creamy yellow. The fine-grained flesh is deep yellow.

SMALL SUGAR. Small, round, somewhat flattened, 10 inches in diameter, slightly ribbed, and of a deep orange color. The flesh is a rich deep yellow, fine-grained, and very sweet.

WINTER LUXURY. Medium size, nearly round. Light yellow skin, covered with russet netting. Flesh is light yellow, thick, and sweet.

PARSLEY	Pkt.	Oz.	1/4 lb.	Lb.
Extra-Double Curled				
Champion Moss Curled	\$.10	\$.25	\$.60	\$1.50
Hamburg, or Parsnip-rooted	.10	.25	.55	1.35
PUMPKIN				
Connecticut Field	.10	.20	.45	1.25
Large Cheese	.10	.20	.55	1.50
Small Sugar	.10	.20	.55	1.50
Winter Luxury	.10	.20	.55	1.50
PEPPER				
Chinese Giant	.10	.65	2.00	...
World Beater	.15	.75	2.50	...
L. Red Cayenne	.15	.75	2.50	...
Red Chili	.15	.75	2.50	...
Ruby King	.10	.65	2.00	7.00
Bull Nose	.10	.65	2.00	7.00



Blue Bantam Peas

PEAS

CULTURE—Sow all smooth Peas as early as condition will permit, and continue with wrinkled varieties every two weeks until July 1, then sow smooth varieties from July 15 to August 10. For fall crop sow 2 inches deep, in rows 3 feet apart, and cultivate like beans and corn. The tall-growing kind should be brushed to keep plants off the ground. Peas should have good rich soil to give the best results. One pound will sow about 50 feet of drill.

All peas shipped at purchaser's expense

- ALASKA or EARLIEST OF ALL.** A wonderfully productive, small-podded, and extremely early sort, grown on a large scale for first crop. The vines, of peculiar, distinctive, light green, are 2½ to 3 feet high. Pods are light green, about 2½ inches long, straight, round, blunt-ended, and well filled with small, smooth, blue-green Peas of good flavor.

BLUE BANTAM. Vines average 15 inches in height, are very vigorous and carry enormous crops of large, deep bluish green pods. The pointed pods are 4 to 4½ inches long, smooth, and packed tightly with 8 to 10 extra-large luscious Peas which have a nice flavor.

LAXTONIAN. The dwarf 18-inch vines are very vigorous, sturdy and productive, with dark green foliage, and produce very dark green, large, full pods 4 inches long, curving very slightly to the point. Matures slightly earlier than Gradus.

LITTLE MARVEL. A dwarf early Pea of fine quality, in season a few days later than Gradus or Thomas Laxton. Vines 15 inches tall, bearing a remarkably large crop of pods which average 3½ inches long and are filled with sweet, dark green large Peas. The pods, often produced in pairs, are straight, deep green, and square ended.

AMERICAN WONDER. A fine early wrinkle variety.

NOTT'S EXCELSIOR. An improvement over American Wonder, the pods being fuller and larger. 14 inches.

GRADUS, or PROSPERITY. Without doubt the best variety yet introduced, combining earliness with quality and productiveness. The flavor is delicious and of lasting quality even for considerable time after picking.

QUITE CONTENT. One of the largest-podded Peas in existence and in season similar to Alderman. This variety is preferred by many growers to Alderman on account of its large pods. Height, 5 feet.
- ALDERMAN.** One of the very best and earliest of the main-crop varieties of the Telephone type. The vines are tall and strong, growing about 4 feet in height, of a medium green color, vigorous, and exceedingly productive. The pods are 5 inches long, dark green, very broad, and pointed at the end, slightly curved, and contain 8 to 9 very large Peas.

POTLACH. Of vigorous growth with medium heavy dark green vines 2 feet high. The medium green-colored pods are 3½ inches long, broad and pointed at the ends. A very late variety.

TELEPHONE. This late Pea has a fine appearance, high quality and large-sized pod. Vines are tall, vigorous, 4½ feet high, with large, coarse, medium green leaves and produce an abundance of attractive dark green pods 4½ inches long, straight, broad and pointed, filled with 8 large light green Peas which are tender and sweet.

LAXTON'S PROGRESS. This is the earliest of the large-podded dwarf varieties. The pods are as large as Laxtonian and Hundredfold, 4 inches long, broad and pointed, deep green in color, containing 8 large dark green Peas of very high quality. The vines are 15 to 18 inches in height and are very productive.

PEAS	½ lb.	1 lb.	5 lbs.	10 lbs.
Alaska	\$.20	\$.35	\$1.50	\$2.75
Early, Blue Bantam	.25	.45	2.00	3.75
Laxtonian .....	.25	.45	1.80	3.25
Laxton's Progress ..	.25	.45	2.00	3.75
Little Marvel .....	.20	.40	1.75	3.25
American Wonder ..	.20	.35	1.50	2.75
Nott's Excelsior ...	.20	.35	1.50	2.75
Quite Content .....	.25	.45	2.00	3.75
Late, Alderman ....	.20	.35	1.50	2.75
Potlatch .....	.25	.45	2.00	3.75
Telephone .....	.20	.35	1.50	2.75
Gradus .....	.20	.35	1.50	2.75

SEED POTATOES



Early Ohio

EARLY VARIETIES

EARLY BOVEE. Earlier than Rose. Dwarf, stocky vines, very productive, splendid flavor. Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

IRISH COBLER. Without a doubt the earliest of all standard sorts, fine cropper, good keeper, creamy white color. Pkt. \$1.00, bus. \$3.50, bbl. \$10.00.

EARLY ROSE. A favorite both for looks and cooking qualities; long; rose-colored skin. Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

EARLY OHIO. One that can be used before thoroughly ripe; cooks mealy; round in shape. Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

CULTURE—Potatoes do best in a rich, loamy soil, but can be grown on other soils if given cultivation and fertilizer. New land, with the turf freshly turned, often produces the best crops. Furrow deep, about 3 feet apart and seed 12 inches in rows; cover about 2 inches and hill around plants as you cultivate. Eight to 10 bushels will plant an acre.

All potato prices are subject to change without notice

MEDIUM TO LATE VARIETIES

BEAUTY OF HEBRON. Excellent keeper; smooth, white and pink skin; potatoes of good size. Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

CARMAN No. 3. Large oblong shape; white; fine yielder. Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

GREEN MOUNTAIN. For a yielder this ranks first among the lates. Wonderful keeper; excellent quality. Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

RURAL NEW YORKER No. 2. A fine late sort, large cropper, and is highly recommended. Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

RUSSET. Long russet, thick skinned variety; fine for baking; grows exceptionally well in this climate. Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

SIR WALTER RALEIGH. Late; fine quality, good cropper. Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

RADISHES

CULTURE—Sow early and often for succession, in rich loamy soil in drills about 12 inches apart; thin out by pulling the large ones for use. One ounce to 100 feet of drill, about 10 pounds to the acre.

EARLY SCARLET GLOBE. This Radish is a little longer than round, a rich bright scarlet in color with tiny thread-like roots. Has a nice bunching top and we recommend it as a fine early outdoor Radish. The flesh is white, tender and crisp.

FRENCH BREAKFAST. Oval shaped, white tipped, very crisp.

EARLY SCARLET, WHITE-TIPPED. Excellent variety for forcing or outdoors.

CINCINNATI MARKET. Long, smooth, slender, uniform, tapering roots about 6 to 7 inches long, and $\frac{5}{8}$ inch in diameter at the shoulder. It is of a fine, deep red color and one of the best of the early long varieties.

ICICLE. A beautiful waxy white, long-rooted Radish, gradually tapering down from the shoulder which is about $\frac{5}{8}$ inch in diameter. The roots are usually 5 to 6 inches long and have nice bunching tops. This is the earliest of the long-rooted early summer white sorts, desirable for outdoor planting.

GIANT WHITE STUTTGART. Winter sort; fresh white and of fine flavor.

BLACK SPANISH (Long). Long in shape; fine winter keeper.

ROUND BLACK SPANISH. Roots are round, slightly top-shaped, 4 inches in diameter and 3 inches long. Skin black, flesh white, very pungent.



Early Scarlet Globe Radish

RADISH (Continued)

SAKURAJIMA. A Japanese sort which reaches truly remarkable size. The circumference of some is 43 inches, the length 21 inches. The skin is white and the flesh is always crisp and tender. The taste is more delicate than our American varieties.

RADISH	Pkt.	Oz.	¼ lb.	Lb.
Early Scarlet Globe	\$.10	\$.25	\$.60	\$1.50
French Breakfast . . . . .	.10	.25	.60	1.50
Early Scarlet Turnip, White-tipped . . . . .	.10	.25	.60	1.50
Cincinnati Market . . . . .	.10	.25	.60	1.50
Sakurajima . . . . .	.10	.35	1.00	3.00
Icicle . . . . .	.10	.25	.60	1.50
Giant White Stuttgart..	.10	.35	1.00	3.00
Long Black Spanish... .	.10	.25	.65	1.75
Round Black Spanish... .	.10	.25	.65	1.75

SALSIFY (Oyster Plant)

One ounce will sow 50 feet of row;
8 pounds will sow an acre

MAMMOTH SANDWICH ISLAND. Large, thick, smooth, white roots. Should be in every garden. Sow early in spring, in rows 12 inches apart. Cover the seed firmly with ½ inch of fine soil; thin to 1 inch apart in the row. This is one of the most desirable winter vegetables; the roots when cooked are very nutritious.

SAGE

BROAD-LEAVED. Branching plant, 1½ feet high. Grey-green foliage used for seasoning. Hardy.

SAVORY

One ounce will sow 150 feet of drill

SUMMER. Aromatic plant of erect, slender, branching habit. Used for flavoring purposes.

SORREL

One ounce will sow 100 feet of row

LARGE FRENCH BROAD-LEAVED. One of the best, having large, pale green leaves of mild, acid flavor. Esteemed as a salad.

THYME

BROAD-LEAVED. An aromatic herb, 10 inches high, used for seasoning and for bee-food. Plants branching, with wiry foliage and lilac flowers.



Sage



Thyme



Bloomsdale Savoy Spinach

SPINACH

CULTURE—Sow in early April in good rich soil, about 1 inch deep, in rows 12 inches apart; again in August. Sow one ounce to 100 feet of drill.

BLOOMSDALE SAVOY. Crinkled leaved variety, very tender. Vigorous grower and a useful variety for market gardeners.

LONG SEASON. An excellent second-early variety with small plants growing close to the ground; very dark green, thick, somewhat crumpled leaves—almost as crumpled as the Savoy-leaved—and short, fleshy stems. Does not readily crush. Will stand for a long time.

VICTORIA. A low-growing variety, forming, flat on the soil, a rosette of exceedingly thick, dark green, glazed, much-crumpled leaves. Good for either spring or fall sowing and stands for a long time before going to seed.

VIROFLAY, GIANT THICK-LEAVED. Large, upright, early, rapid grower with very thick, large, slightly crumpled, medium green leaves. Fine for fall and spring sowing.

PRICKLY, or WINTER. Vigorous and hardy; for winter use.

NEW ZEALAND. A distinct Spinach differing from any of the true Spinach varieties. Thrives in hot weather and on any soil, rich or poor. The plant is of spreading habit, growing very large, with comparatively small, broad, pointed leaves.

SAGE	Pkt.	Oz.	¼ lb.	Lb.
Broad-leaved . . . . .	.15	.40	...	...
SALSIFY				
Mammoth Sandwich Island . . . . .	.10	.35	1.00	3.00
SAVORY				
Summer . . . . .	.15	.50	...	...
SORREL				
Broad-leaved . . . . .	.20	.65	2.00	6.00
SPINACH				
Bloomsdale Savoy . . . . .	.15	.30	.75	...
Long Season . . . . .	.15	.30	.75	...
Victoria . . . . .	.15	.30	.75	...
Viroflay, Giant Thick- leaved . . . . .	.15	.35	.90	...
New Zealand . . . . .	.20	.35	.90	...
King of Denmark . . . . .	.20	.35	.90	...
Prickly . . . . .	.20	.45	1.00	...
THYME				
Broad-leaved . . . . .	.15	.30	...	...

SQUASH

CULTURE—Plant in hills 4 feet apart each way, allowing about 8 to 10 seeds to a hill; thin out when plants are strong to about 5 to a hill. Keep well cultivated and dust plants with Bordeaux Mixture to prevent blight. One ounce will plant about 25 hills, about 3½ pounds for an acre.

BLUE HUBBARD. A new variety obtained by selection from the original Hubbard. The fruit is of a grey-blue color, grows much larger than Hubbard and keeps remarkably well as the shell is extremely hard. The quality is equal to or even better than the original Hubbard.

BOSTON MARROW. Winter Squash of medium size. Skin is orange-yellow in color; flesh is rich salmon-yellow.

CHICAGO, or WARTED HUBBARD. Round, with elongated ends; large, with a hard, dark olive-green, warted shell; flesh is orange-yellow, thick, dry, and rich.

GOLDEN HUBBARD. Bright orange-red, otherwise like Warted Hubbard, except the Squashes are smaller.

SMOOTH HUBBARD. Large and of the Chicago Hubbard shape. Hard, tough, smooth shell of dark green color, and very rich, fine-grained, tender flesh.

DELICATA. Oblong shape; yellow flesh, delicious for baking.

EARLY WHITE SCALLOP BUSH. One of the earliest sorts; flesh white, very meaty; bushy grower and wonderful producer.

GOLDEN CUSTARD BUSH. Scallop-shaped, rich, golden flesh, of excellent flavor.

GIANT SUMMER CROOKNECK. Much better than original variety; large; thick flesh, delicious flavor, fine for baking.

COCOZELLE, or ITALIAN VEGETABLE MARROW. The dwarf bushes produce large, elongated, slightly curved, smooth dark green fruits which become marbled with yellow and lighter green. When 6 to 8 inches long the flesh is very tender, marrowy, and delicious.

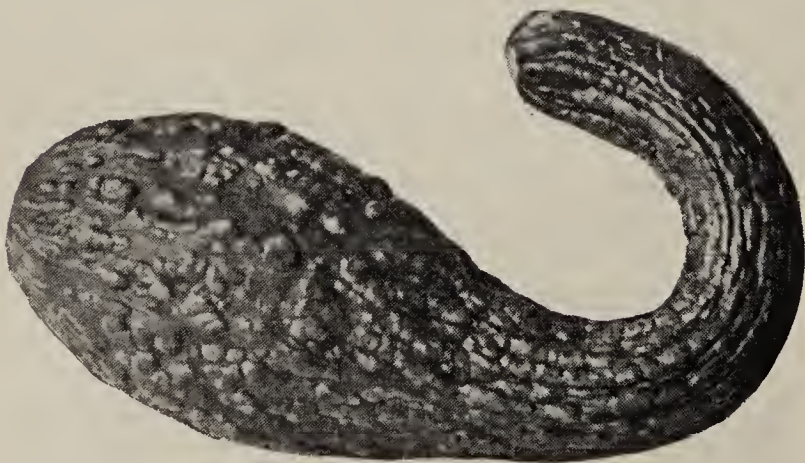
VEGETABLE MARROW (Bush.) Yellowish white fruits, 20 inches long and 5 inches across, narrowing at stem end.



Blue Hubbard Squash

VEGETABLE MARROW (Trailing.) Dull yellow, oblong fruits. Flesh, if used when young, is tender, marrowy, and delicious.

ZUCCHINI. A bush Coccozelle with oval-shaped fruits, 14 inches long and 5 inches across. The skin is dark green, but lightly mottled and striped with yellow when at marketing size. Early, prolific.



Giant Summer Crookneck Squash

SQUASH	Pkt.	Oz.	¼ lb.	Lb.
Blue Hubbard	\$.10	\$.30	\$.90	\$2.25
Boston Marrow .....	.10	.25	.65	1.75
Golden Hubbard .....	.10	.25	.65	1.75
Smooth Hubbard .....	.10	.25	.65	1.75
Warted Hubbard .....	.10	.30	.90	2.25
Delicata .....	...	...	...	...
Vegetable Marrow (Bush) .....	.10	.30	.90	2.25
Vegetable Marrow (Trailing) .....	.15	.35	1.00	3.00
White Bush Scalloped... ..	.10	.30	.90	2.25
Mam. Golden Custard... ..	.10	.25	.65	1.75
Mam. Sum. Crookneck.. ..	.10	.25	.65	1.75
Zucchini .....	.15	.50	1.60	3.50

TOMATO

CULTURE—Sow thinly in hotbeds or boxes early in March and prick out into flats or pots when about 2 inches high; transplant in open ground after all danger of frost is over. One ounce will produce about 3,000 plants.

DWARF CHAMPION. Very early; fruit medium-sized, smooth and of fair quality. Plant of characteristic stocky habit.

SELECTED EARLIANA. Excels all of the ordinary strains of Earliana. The fruits are deep scarlet, almost perfectly round, very solid, with a very small core and few seeds. They mature very early and uniformly in prolific clusters near the center of the plant, and are borne on strong, vigorous vines.

BONNY BEST. An excellent extra-early, between Earliana and Chalk's Early Jewel. Fruits are medium-sized, bright scarlet, smooth, round shape, and ripen evenly.

BREAK O'DAY. A blight-resistant cross between Marglobe and Marvana, with the color, size, and nearly the fruit-depth of Marglobe, ripening between Bonny Best and Earliana.

MARGLOBE. New midseason sort. A hybrid from Marvel and Livingston's Globe. Entirely immune from rust and wilt. A pure scarlet, globe-shaped, with the size and fine qualities of Livingston's Globe but earlier and a heavier cropper. Valuable for canning and marketing due to its remarkable solidity.

JOHN BAER. A fine extra-early round bright red variety, free from core, with very few seeds, a mild sweet flavor, and ripening up to the stem. Vigorous and productive. Fine shipper.

ACME. Rich, glossy, crimson, tinged with purple; perfectly smooth. One of the earliest.



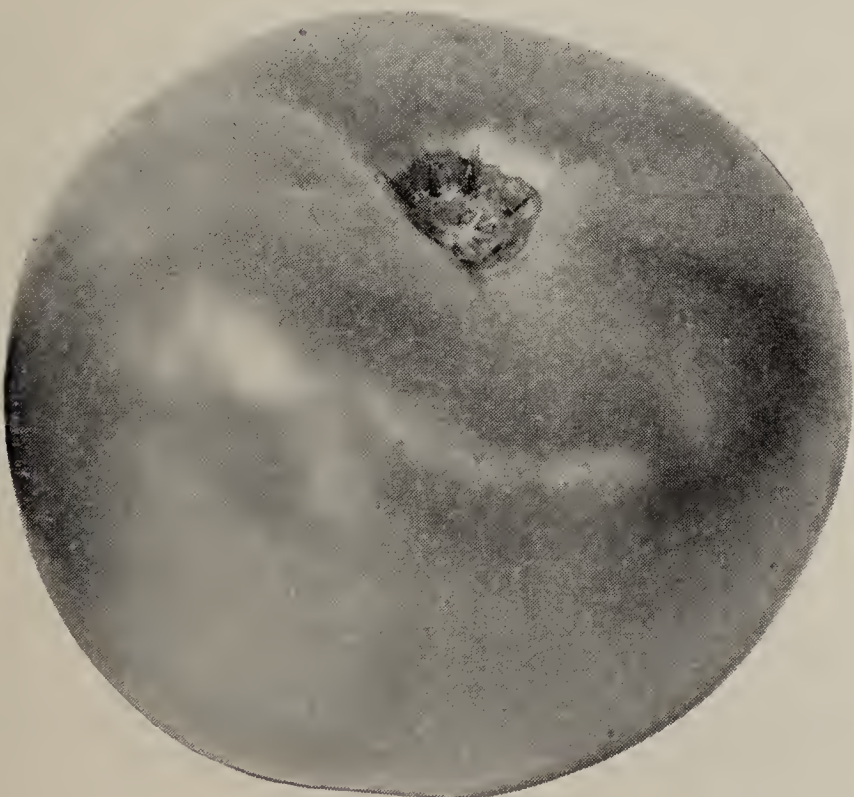
Bonny Best Tomato

CRIMSON CUSHION. The color is scarlet crimson, untinged with purple; ripens almost to the stem; large, solid and almost seedless.

LIVINGSTON'S GLOBE. Fruits large, smooth and perfect globe-shaped; fine glossy pink, tinged with purple; is exceptionally firm.

PONDEROSA. One of the largest and most solid varieties in cultivation, some fruits attaining the weight of a pound and over. Nor has it been surpassed in delicious meaty flavor. The color is a glowing purplish crimson.

STONE, SELECTED. Productive late red variety. Fruits large, solid, flattened-round, smooth, uniform. Large strong vines.



Marglobe Tomato

TOMATOES		Pkt.	Oz.	¼ lb.	Lb.
Dwarf Champion	.....	\$.10	\$.50	\$1.50	\$4.75
Dwarf Stone	.....	.10	.50	1.50	4.75
Earliana, Selected	....	.10	.50	1.50	4.75
Early Detroit	.....	.10	.60	1.75	5.50
Bonny Best	.....	.10	.60	1.75	5.50
Break o'Day	.....	.10	.60	1.75	5.50
John Baer	.....	.10	.60	1.75	5.50
Livingston's Globe	....	.10	.50	1.50	4.75
Marglobe	.....	.15	.65	2.00	6.50
Oxheart	.....	.10	.50	1.50	4.75
Ponderosa	.....	.10	.60	2.00	6.50
Stone, Selected	.....	.10	.50	1.50	4.75
Scarlet Topper 25c, 3 for 60c					

FORCING TOMATOES

CULTURE—Varieties recommended for cultivation under glass, yielding during winter and spring.

COMET. Grown very largely by both private and market-gardeners. It is very short-jointed, fruiting close up to the stem. The Tomatoes are of medium size; deep scarlet. Pkt. 15c, ¼ oz. 30c.

STIRLING CASTLE. A very superior variety for either forcing or outdoor culture. Very heavy cropper, of medium size, smooth and round. Color a clear red. Remarkable for its free setting qualities and delicious flavor. Pkt. 15c, ¼ oz. 30c.

SUNRISE. A fruit of fine quality, medium in size, perfectly round, and produced in characteristic long clusters. It is considered by many growers to be the best indoor Tomato grown, and the best outdoor variety where a small "wholesalad" type of Pkt. 20c, ¼ oz. 40c.

FILL BASKET. A splendid new Tomato for greenhouse growing, of uniform medium size and pleasing globe shape. The flavor is all that can be desired, while the flesh is thick and firm. The seed cavity is small and the seeds are few. Pkt. 25c, ¼ oz. 50c.

SMALL FRUITING VARIETIES

PEACH. Resembles the peach in color. Pkt. 10c, oz. 60c.

PLUM. Yellow, oval, small size; used for preserves. Pkt. 10c, oz. 50c.

PEAR, or FIG. Bright red, pear-shaped, small; for preserves. Pkt. 10c, oz. 50c.

RED CHERRY. Used for preserves; small round fruit. Pkt. 10c, oz. 50c.

CURRENT, or GRAPE. Small, red fruit in clusters. Pkt. 10c, oz. 50c.

RED PLUM. Used for preserves, small. Pkt. 10c, oz. 60c.

STRAWBERRY, or GROUND CHERRY. (Physalis alkekengi). The fruit, which grows in a husk, will keep all Winter; makes an excellent preserve. Pkt. 10c, oz. 60c.



Comet Tomato

TURNIPS

CULTURE—Sow thinly in drills 1 inch deep, 12 inches apart; thin out to 3 to 10 inches apart according to variety; cultivate well. Take up for winter use before frost sets in and store in cool cellar or pit. One ounce to 200 feet of drill.

EARLY PURPLE-TOP MILAN. The earliest Turnip, with a medium-sized, very much flattened, round, smooth, white root; a purple-red top and few short leaves.

EARLY WHITE MILAN. Root clear white, very smooth, flat, and symmetrical. Flesh white and tender.

PURPLE-TOP WHITE GLOBE. The globe-shaped roots are large, white below the ground and purple above. The dark green leaves are broad. Flesh is white and tender.

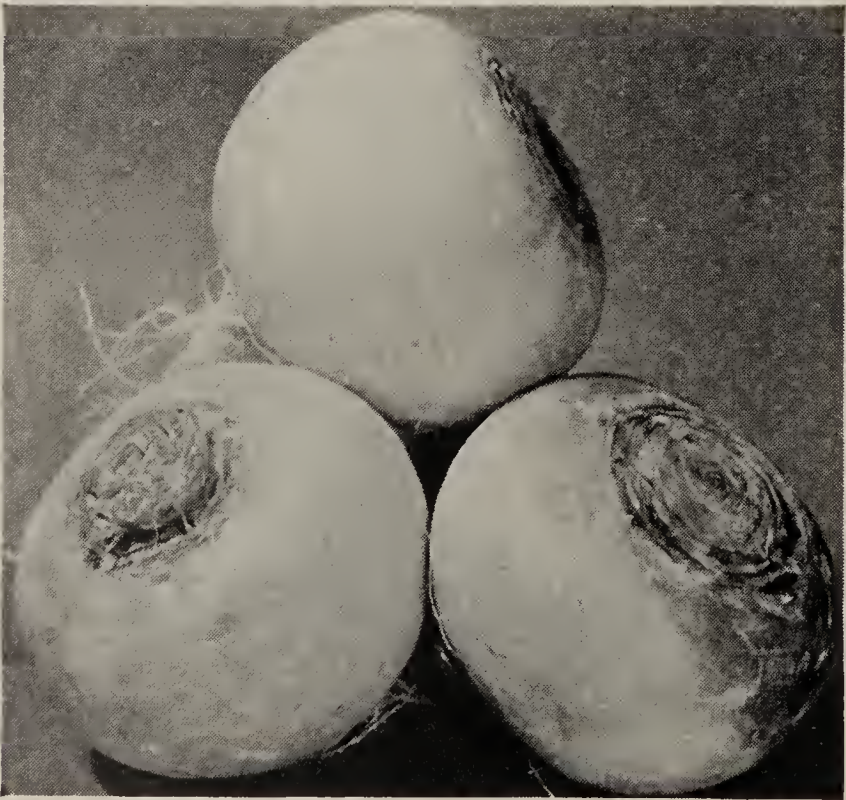
PURPLE-TOP STRAP-LEAF. Standard flat sort; valuable for market use.

SNOWBALL, EARLY. Quick-growing, and early, with medium-sized, round, smooth, white roots, and scant top.

GOLDEN BALL. One of the most delicate yellow-fleshed, globe-shaped, of medium to large size, smooth, light yellow with small green crown.

RUTABAGA

One ounce will sow 200 feet of row
LONG ISLAND IMPROVED. Roots are globular in shape, pale yellow with a purple top; small foliage. This is the best sort for market, and its fine keeping quality makes it valuable for stock feed.



Purple-Top White Globe Turnip

TURNIP, YELLOW	Pkt.	Oz.	¼ lb.	Lb.
Golden Ball	\$.10	\$.15	\$.45	\$1.25
Yellow Globe Green- Top .....	.10	.15	.40	1.00
Cow Horn .....	.10	.20	.55	1.50
Early Purple-Top Milan .....	.10	.20	.55	1.50
Early White Milan.....	.10	.20	.55	1.50
Purple-Top White Globe	.10	.15	.40	1.00
Snowball, Early .....	.10	.20	.45	1.25
White Egg .....	.10	.20	.45	1.25
RUTABAGA				
Long Island Improved..	.10	.15	.45	1.25



COOK'S "AULSEED" LAWN GRASS MIXTURE

Ninth Green Shaker Heights Country Club

Our Lawn Mixture is all the name implies; it contains no chaff, but is composed only of select recleaned grasses, proportioned to insure a close, hard wearing, evergreen turf. Our experience has been that bulk does not mean satisfaction in mixture, therefore we take special pains to see that nothing but **heavy first quality seeds** are used, tested as to germination and purity. One pound will sow 300 square feet. Four bushels (100 lbs.) to the acre. Lb. 50c, 3 lbs. \$1.45, 5 lbs. \$2.35, 10 lbs. \$4.60, bus. (25 lbs.) \$11.25, 100 lbs. \$43.50.

"AULSEED" SHADY LAWN MIXTURES

This mixture is composed of grasses that will give satisfaction under trees or shaded spots where it is impossible for other grasses to grow. While not as fine as our regular Lawn Mixture, it will be found better adapted for conditions intended. Lb. 55c, 3 lbs. \$1.55, 5 lbs. \$2.50, 10 lbs. \$4.90, 25 lbs. \$11.50, 100 lbs. \$45.00.

We also offer special mixtures for tennis courts, polo fields and other athletic grounds. Specifications and prices on application.

CREEPING BENT LAWNS

Where especially fine lawns are desired, we recommend seeding entirely with Bent. This grass is very close growing, forming a smooth surface such as used for Putting Greens. Our seed is re-selected, free from chaff and of the Highest Purity and Germination test. Price: 1 lb. \$1.35, 2 lbs. \$2.50, 3 lbs. \$3.60, 5 lbs. \$6.00, 10 lbs. \$11.00.

GOLF COURSE GRASS MIXTURE

"AULSEED" PUTTING GREEN MIXTURE

While we do not attempt to offer a Putting Green Mixture that will suit every condition this mixture will suit a general demand for renovating purposes. It is composed of high grade grasses, tested for purity and germination. Where new greens are to be seeded we would prefer making up special formulas to suit soil and climatic conditions. 1 lb. \$1.00, 5 lbs. \$4.75, 25 lbs. \$23.75.

"AULSEED" FAIR GREEN MIXTURE

Composed of strong, hard wearing grasses, well balanced to produce hard-wearing turf. We are pleased to submit special formulas where extensive seeding is contemplated. Lb. 75c, 5 lbs. \$3.50, 25 lbs. \$17.00.

Price on Grass Seed subject to change without notice.

GRASS SEEDS

FOR PASTURE, MOWING AND LAWN

Prices subject to market changes

	Weight per Bu.	Lb.	Bushel	100 lbs.
BERMUDA GRASS. Used in the southern states for Lawns.....	35 lbs.	\$0.80	\$22.00	\$60.00
CANADIAN BLUE GRASS (<i>Poa compressa</i>). A more rapid grower than Ken- tucky Blue Grass and equally good for pasture, but not a suitable for lawns. This is an excellent pasture grass for poor, dry land and should be more largely used for this purpose.....	14 lbs.	.45	5.00	35.00
CREEPING BENT GRASS MIXED (<i>Agrostis</i> species). Desirable for mixing with other lawn or pasture grasses.....	16 lbs.	1.35	19.50	120.00
CRESTED DOGSTAIL (<i>Cynosurus cristatus</i>). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. For parks this grass is well suited because of its fine, close growth and pleasant green color.....	20 lbs.	.60	10.00	50.00
ENGLISH RYE GRASS (<i>Lolium perenne</i>). Produces a strong growth in four or five weeks after sowing. It cures into a hay that is rather hard, but having a sweet flavor and much relished by cattle and horses. Sow 60 lbs. to acre.....	24 lbs.	.30	5.00	20.00
ENGLISH RYE GRASS (Pacey's). A carefully selected, short-seeded, dwarf- growing strain, suitable for lawns	24 lbs.	.30	5.50	22.00
FINE LEAVED FESCUE (<i>Festuca ovina tenuifolia</i>). Suitable for lawns and put- ting greens	16 lbs.	.80	11.50	70.00
HARD FESCUE (<i>Festuca duriuscula</i>). A slender, densely tufted perennial grass, 1 to 2 ft. high. Thrives on dry, sandy soils.....	14 lbs.	.60	6.50	45.00
ITALIAN RYE GRASS (<i>Lolium italicum</i>). It is a very rapid grower, forms a dense turf, and is regarded as an excellent hay grass.....	22 lbs.	.30	4.50	20.00
KENTUCKY BLUE GRASS (<i>Poa pratensis</i>). A very widely distributed species, and without a rival as a pasture grass. Being of perennial habit, it will, when established, last indefinitely. One of the finest varieties of grasses for use in lawns, owing to the thick growth of sod.....	14 lbs.	.60	6.50	45.00
MEADOW FESCUE, or ENGLISH BLUE GRASS (<i>Festuca pratensis</i>). Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures. It grows rapidly in rich and rather moist soils and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always mixed with other grasses	15 lbs.	.40	4.50	30.00
MEADOW FOXTAIL (<i>Alopecurus pratensis</i>). One of the best grasses for per- manent pasture, and should always form a fair proportion of the mixtures for that purpose. Thrives best on a rich, strong soil	10 lbs.	.60	5.50	50.00
NEW ZEALAND, or CHEWING'S FESCUE (<i>Festuca rubra</i>). Resists extreme drought; thrives on inferior soils, gravelly banks and exposed hills. 25 lbs. to acre	14 lbs.	.70	8.50	65.00
ORCHARD GRASS. A good grass for hay crop, yielding nearly the same amount as Timothy and almost equal in feeding value. Orchard Grass will grow on almost every soil. It prefers a moderately dry soil with considerable sandy material. One of the best grasses for sowing in shady places and among fruit trees in orchards. 35 to 40 lbs. required for one acre.....	14 lbs.	.45	5.25	45.00
RED, or CREEPING FESCUE (<i>Festuca rubra</i>). Resists extreme drought, thrives on gravelly banks and exposed hills. Excellent for Lawns and Putting Greens. 25 lbs. per acre	14 lbs.	.60	7.00	50.00
RED TOP, FANCY CLEANED (<i>Agrostis vulgaris</i>). A highly recommended grass for permanent pasture and as meadow grass for hay. Red Top is especially valuable for sour and acid soils, and meadow lands. Red Top makes one of the best grasses for lawn use, either sown alone or in connection with White Clover, or in a mixture with other grasses. Use 14 to 16 lbs. to acre.....	36 lbs.	.35	12.00	32.00
RHODE ISLAND BENT (<i>Agrostis tenuis</i>). Fine for putting greens and lawns...				
ROUGH STALKED MEADOW GRASS (<i>Poa trivialis</i>). A spreading, stoloniferous rooted grass. Adapted for shady lawns and pasture mixtures.....	14 lbs.	1.50	20.00	130.00
SHEEP FESCUE (<i>Festuca ovina</i>). A small tufted, hardy grass, of value in mix- ture for lawns or dry soil.....	14 lbs.	.60	7.00	46.00
TALL MEADOW OAT GRASS (<i>Avena elatior</i>). A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture on account of its early and late growth.....	10 lbs.	.40	3.25	30.00
TIMOTHY, or HERB GRASS (<i>Phleum pratense</i>). The standard hay of commerce. The excellent quality of the hay and the ease of culture make it valuable. It is adapted to most soils, but succeeds best on moist loam and clay. Timothy sown alone requires about 20 lbs. per acre; when sown with Red Clover use 15 lbs. Timothy and 5 lbs. Red Clover.....	45 lbs.	.30	13.00	25.00
WOOD MEADOW GRASS (<i>Poa nemoralis</i>). Excellent for shaded positions in lawns and woodland parks. Very hardy, resisting extremes of heat and cold..	14 lbs.	1.00	12.75	90.00



FARM AND FIELD SEEDS

BARLEY

48 pounds to the bushel, 2 bushels to the acre

ODERBRUCKER. A six rowed bearded variety. Bus. \$3.50.

BEANS

Sow $\frac{1}{2}$ to $\frac{3}{4}$ bushels to the acre

SOJA BEAN, E. BLACK WILSON. Valuable as a forage crop and for fertilizing the soil. Thrives well in hot and dry weather. Bus. \$4.50.

BEET, MANGEL-WURZEL

Sow 6 to 8 pounds to acre

CHAMPION YELLOW GLOBE. Bright orange color; globe-shaped and of excellent quality. Lb. \$1.00.

DANISH SLUDSTRUP. A long reddish yellow variety. Lb. \$1.00.

GOLDEN TANKARD. An enormous yielder per acre. Flesh deep yellow. Lb. \$1.00.

MAMMOTH LONG RED. The largest and heaviest cropper of all the Mangels. Lb. \$1.00.

BUCKWHEAT

48 pounds to the bushel. Sow 1 bushel to the acre

JAPANESE. Earliest and most productive of the Buckwheats. Pk. \$1.00, bus. \$3.75.

FIELD CORN

8 quarts will plant 1 acre in hills

3 bushels will sow 1 acre broadcast

FLINT VARIETIES

GOLDEN NUGGET. Very early, large ears, which average from 12 to 15 inches long. Pk. \$1.25, bus. \$3.50.

LONGFELLOW. A large-eared Flint variety, grown extensively for its productiveness. Ears 8-rowed, often 14 to 15 inches long, with small cob and deep kernels. Pk. \$1.00, bus. \$3.50.

DENT VARIETIES

IMPROVED LEAMING. Large ears, deep-grained and of a deep orange color. Early maturing, distinctly Dent, and a great yielder, Pk. \$1.00, bus. \$3.50.

PRIDE OF THE NORTH. A good variety for crib or silo. Long ears with deep yellow grains. Pk. \$1.25, bus. \$4.00.

FODDER AND ENSILAGE VARIETIES

EUREKA. The plants grow 12 to 15 ft. high. Valuable for ensilage or as a yellow Dent Corn. Pk. \$1.25, bus. \$4.00.

SOUTHERN HORSE TOOTH. A large, leafy grower, especially valuable for ensilage. Pk. \$1.25, bus. \$4.00.

SWEET FODDER. Succulent and nutritious for feeding green. Pk. \$1.25, bus. \$4.00.

MILLET

GOLDEN. Very large crop, though not so early as Hungarian. Grows 3 to 5 ft. high. Sow 1 bushel to the acre, 48 lbs. to the bushel. Bus. \$5.25, 100 lbs. \$9.00.

HUNGARIAN. A favorite Summer forage crop. Sow in June, can be cut in about 60 days. Withstands heat and drought well. Plant about 3 pecks to 1 bushel per acre, 48 lbs. to the bushel. Bus. \$5.50, 100 lbs. \$10.00.

JAPANESE. Sometimes called Barnyard Millet. Grows very tall, 6 to 7 ft.; makes valuable forage and is the greatest yielder of all the Millets. Sow about 15 lbs. per acre, 35 lbs. to the bushel. Bus. \$4.50, 100 lbs. \$10.00.

FIELD SEEDS (Continued)

OATS

Sow 2 to 3 bushels to the acre, 32 lbs. to the bushel

STORM KING. The heads measure from 8 to 10 in. and the kernels are of immense size, thick, plump and heavy. It is very early, has great length of straw, producing 70 bushels per acre. Bus. \$2.50, 10 bus. or over \$2.00 per bus.

CANADA CLUSTER. A very early variety with long straw and thick, plump heavy grains. A true side Oat and heavy cropper. Bus. \$2.25, 10 bus. or over \$2.00 per bus.

PEAS

CANADA FIELD. Valuable for cattle feeding and ensilage. Sown broadcast in the Spring at the rate of two bushels to the acre. Pk. \$1.50, bus. \$4.50.

COW PEAS, WHIPPOORWILL. A very early maturing variety of upright or bush growth. Sow 2 bushels per acre, 60 lbs. per bushel. Bus. \$4.00.

RAPE

DWARF ESSEX. Fine for sheep pasture; valuable as a soil enricher. Plant in June or July in drills at the rate of 3 lbs. per acre, broadcast 5 lbs. per acre. Lb. 25c, 100 lbs. \$15.00.

RYE

For grain, 1 bushel to the acre; for forage or soiling, 1½ bushels, 56 lbs. to the bushel

GIANT WINTER. Popular as a cover crop. If allowed to mature will produce a heavy crop of grain, and a fine quality of straw if cut about July 1. Pk. \$1.00, bus. \$3.50.

SUNFLOWER

MAMMOTH RUSSIAN. Very productive, large heads with large seeds. Valuable for poultry; 5 lbs. will plant 1 acre. Lb. 25c, 25 lbs. \$4.50, 100 lbs. \$16.00.

VETCHES, or TARES

SPRING VETCHES (*Vicia sativa*). Highly valuable for soiling or for green manuring. Sometimes grown with Oats for mowing and feeding to stock. Use 40 to 60 lbs. to the acre. Sow in Spring while ground is cool and moist, or in early Autumn. Lb. 20c, 100 lbs. \$10.00.

WINTER VETCHES (*Vicia villosa*). Also called Sand Vetch or Hairy Vetch. Recommended for Fall sowing with Rye. A valuable food for stock in early Spring. Use 30 to 50 lbs. per acre. Lb. 30c, 100 lbs. \$20.00.

WHEAT

The seed Wheat we offer is grown in Pennsylvania by a very reliable grower, especially for seed purposes. Sow 1½ bushels to the acre.

MARQUIS SPRING. A very early beardless Wheat that succeeds well in the East, producing larger yields than any other kind. Sow as early as possible about 2½ bushels per acre. Bus. \$4.00.

LEAP'S PROLIFIC. A very hardy, beardless white chaff and dark amber grain. Market price.

PENNSYLVANIA 44. A bearded, large red variety. Market price.

TRUMBULL. A medium size, red hard grain, beardless, great yielder, and stands up well. Market price.

CLOVER SEEDS

ALFALFA or LUCERNE (*Medicago sativa*). Alfalfa will grow on any well-drained soil, but seems to prefer the upland soils containing an abundance of lime. It yields crops of the most valuable hay. As a soil enricher, Alfalfa has few equals. Sow broadcast at the rate of 25 to 35 pounds per acre. Write for prices. About \$32.50 per 100 lbs.

ALFALFA, GRIMM. Very hardy. Because of its root-system, it will grow well over a hardpan soil, and is adapted to a wetter soil than the other Alfalfa. We recommend 15 pounds of the seed, sown broadcast, to the acre. Write for prices. About \$40.00 per 100 lbs.

ALSIKE or SWEDISH (*Trifolium hybridum*). This is one of the hardiest varieties of Clover and the only Clover that will thrive on damp or slightly acid land. It is finer and more leafy than Medium Red but does not grow so high. Write for prices. About \$25.00 per 100 lbs.

MAMMOTH RED (*Trifolium pratense perenne*). Also known as Cow Grass and Pea Vine Clover Grows larger and lasts longer than Medium Red. Valuable for reclaiming exhausted land by plowing under as a green manure. Write for prices. About \$27.00 per 100 lbs.

CRIMSON or SCARLET (*Trifolium incarnatum*). This makes the earliest possible spring pasture, blooming the latter part of April or May. The seed may be sown any time from June to October, at the rate of 15 to 20 pounds to the acre. Write for prices. About \$18.00 per 100 lbs.

MEDIUM RED (*Trifolium pratense*). The most widely grown of all the Clovers and one of the most valuable. It makes two crops a year; the first is usually cut when in blossom for hay, while the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. Does not exhaust the soil on which it is grown but actually enriches it with nitrogen. It may be sown either in spring or fall, at the rate of 10 to 15 pounds per acre. Write for prices. About \$28.00 per 100 lbs.

WHITE SWEET or BOKHARA (*Melilotus alba*). Biennial. Largely planted on light, sandy soils for turning under to improve the soil, and to inoculate it for future crops of Alfalfa. If wanted for feed or forage, it should be cut when quite young. Write for prices.

WHITE DUTCH (*Trifolium repens*). Sow 8 pounds to the acre alone. Lb. 60c, 5 lbs. \$2.75, 10 lbs. \$5.00, bu. (60 lbs.) \$32.50, 100 lbs. \$52.50.

Prices on Grass and Clover Seed subject to change without notice. Our Grass and Clover Seeds are the very finest, re-cleaned seeds. We do not carry cheaper grades.

Prices on all Farm Seeds are subject to market fluctuations.



Border Planting



Surprise Path



Rock Garden

GENERAL LIST OF FLOWER SEEDS

ALL FLOWER SEEDS ARE MAILED FREE AT PACKET, OUNCE AND POUND RATE TO ANY POST OFFICE IN THE UNITED STATES

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture.

Annuals grow from seed, flower, mature their seed, and die in one year, or in other words, the same season.

Hardy Annuals are those which can be sown in the open ground.

Half-Hardy Annuals are those which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

Biennials grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

Hardy Biennials will winter in the open ground without protection.

Perennials grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

Half-Hardy Biennials require the protection of a coldframe or cool house during Winter.

Hardy Perennials can remain in the open ground during Winter without protection.

Half-Hardy Perennials require the protection of a coldframe or cool house during the Winter.

Tender or Greenhouse Perennials require window or greenhouse culture, free from frost during Winter and thrive in the garden during the warm months.

ABOBRA viridiflora. H.A.C. A rapid-growing climbing plant, scarlet fruit. 10 ft. Pkt. 10c.

ABRONIA umbellata. H.A. Trailing annual, pink flower trusses. 9 in. Pkt. 10c, ¼ oz. 25c.

ABUTILON, New Hybrids. G.P. Mixed, large bell-shaped flowers. Pkt. 25c.

ACACIA. G.P. Finest mixed, elegant Winter and Spring flowering plants. Pkt. 15c.

ACHILLEA

PTARMICA, THE PEARL. Small, double white flowers all season. Hardy perennial, easily grown from seed sown in a well-drained situation. Flowers first season if sown early. Pkt. 25c, ⅛ oz. \$1.00.

ACONITUM napellus. H.P. Large, dark blue flowers in August. Pkt. 15c, ¼ oz. \$1.00.

wilsoni. Light blue flowers in large trusses. Pkt. 25c.

ACROCLINIUM. H.A. Pretty everlasting flowers; fine for Winter bouquets.

album. Pure white; double flowers. Pkt. 10c, ¼ oz. 25c.

roseum. Bright rose; double flowers. Pkt. 10c, ¼ oz. 30c.

Finest Mixed Colors. Pkt. 10c, ¼ oz. 20c.

ADLUMIA, cirrhosa (Mountain Fringe) H.B. Pinl flowers. Pkt. 25c.

ADONIS autumnalis. H.A. Flowers crimson with dark center. Pkt. 15c, ¼ oz. 25c.

vernalis. H.P. Large, yellow; flowers in early Spring. 1½ ft. Pkt. 15c, ¼ oz. 75c.

AGATHAEA coelestis (Blue Marguerite). H.H.P. Pretty blue Daisy-like flowers. An excellent pot plant. 1½ ft. Pkt. 25c.



Little Blue Star Ageratum

AGERATUM

Bedding plants that bloom from early summer till frost. Easily raised from seed started in a hot-bed and transplanted in May, 4 to 6 inches apart. Can also be sown outdoors in May as it is an annual.

Blue Perfection. Large heads of deep blue flowers produced in abundance. 12 inches. Pkt. 15c, $\frac{1}{4}$ oz. 50c, oz. \$1.40.

Little Blue Star. Very dwarf, growing 4 to 5 inches high; clusters of bright blue flowers. Pkt. 25c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.35.

Little Dorrit, Blue. 6 inches high; flowers bright blue. Pkt. 10c, $\frac{1}{4}$ oz. 50c, oz. \$1.40.

Little Dorrit, White. Same as preceding, only white. Pkt. 10c, $\frac{1}{4}$ oz. 50c, oz. \$1.40.

AGROSTEMMA coelirosa (Rose of Heaven). H.A. Bright rose; excellent for cutting. 18 in.

coelialba. White.

coronaria (Rose Champion). H.P. Crimson flowers, silver foliage. 2 ft.

Any of above, pkt. 10c, $\frac{1}{4}$ oz. 25c, oz. 75c.

ALYSSUM

A fragrant, hardy annual, bearing small white flowers in great profusion throughout summer and autumn.

Carpet of Snow. Dwarfest of all, forming a dense carpet of white flowers. Pkt. 10c, $\frac{1}{4}$ oz. 30c, oz. \$1.00.

Lilac Queen. Pure lilac. Pkt. 10c, $\frac{1}{4}$ oz. 30c, oz. \$1.00.

Saxatile compactum (Basket of Gold). A perennial variety with masses of bright yellow flowers in early spring. 9 in. Pkt. 15c, $\frac{1}{4}$ oz. 75c.

AMARANTHUS

Brilliant-foliaged annuals 3 to 5 feet high. They thrive best in a hot, sunny location and not too rich soil.

Caudatus. Light yellowish green foliage. Long, drooping, crimson flower-spikes. Pkt. 15c, oz. 50c.

Tricolor Splendens. Brilliant leaves, variegated red, yellow, green, etc. Pkt. 15c, oz. 75c.

ANAGALLIS grandiflora (Pimpernel). H.H.A. Showy garden plant. 6 ft. Pkt. 10c, $\frac{1}{4}$ oz. 35c.

ANCHUSA

Italica, Dropmore. The tall, downy, green-foliaged plants bear forget-me-not-like flowers of pale violet-blue from June until September if not allowed to seed. 4 $\frac{1}{2}$ ft. Pkt. 15c, $\frac{1}{8}$ oz. 50c.

Capensis. H.A. Flowers resembling large Forget-me-nots. 18 in. Pkt. 10c, $\frac{1}{4}$ oz. 75c.

ANEMONE. H.P. A very pleasing perennial, producing large flowers. 12 in.

coronaria, St. Brigid (Poppy Anemone). Mixed. Pkt. 15c.

ANGELONIA grandiflora. G.P. A sweet-scented greenhouse plant with dainty mauve sprays of flowers. 2 ft. Pkt. 25c.

ANTHEMIS kelwayi. H.P. Very pretty small flower, like a yellow Chrysanthemum. 6 in. Pkt. 15c.

AQUILEGIA (Columbine)

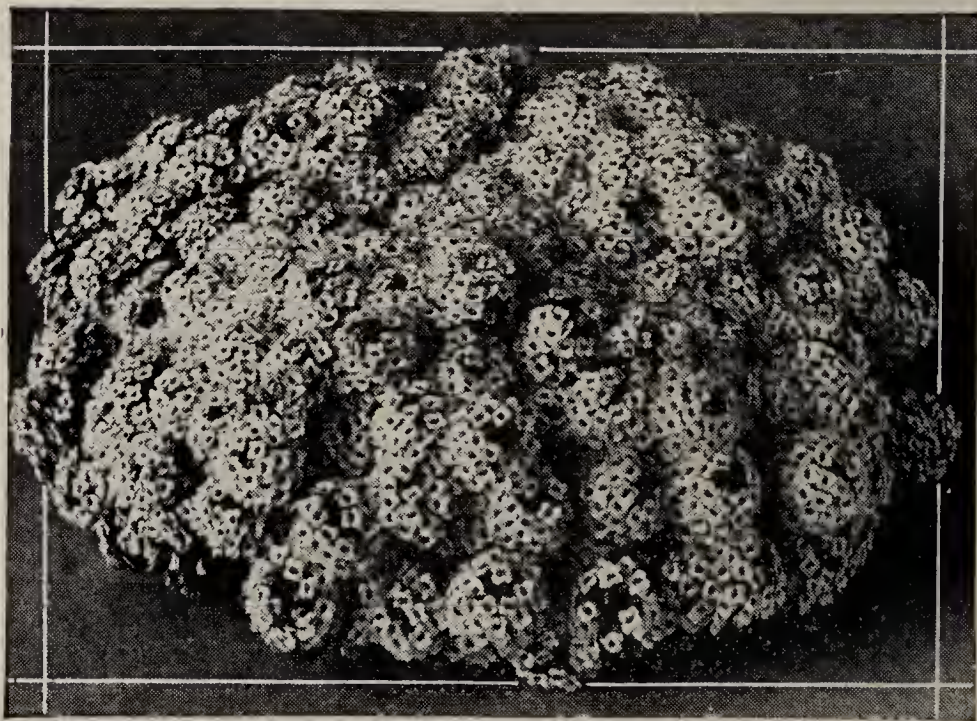
Easily grown perennials that thrive in comparatively poor soil and in partial shade. Sow in summer; transplant in autumn to flower next May and June. 2 to 3 ft.

Caerulea, Long-spurred Hybrids, Mrs. Scott Elliott's Strain. Large-flowered; blue, mauve, lavender, pink, scarlet, orange, yellow and white. 3 ft. Pkt. 25c, $\frac{1}{8}$ oz. \$1.50.

Caerulea. Pale blue and white flowers. 2 ft. Pkt. 15c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.00.

Rose Queen. Long spurred. Rose shaded with white. 2 $\frac{1}{2}$ ft. Pkt. 15c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75.

Chrysantha, Single. Golden yellow. 3 ft. Pkt. 10c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.25.



Alyssum Carpet of Snow



ANTIRRHINUM, MAJUS VARIETIES



EXPRESS EARLY COSMOS



AQUILEGIA
LONG HYBRIDS

Cook's
"Aulseed Quality"
Flower Seeds



CARNATIONS
GIANT MARGUERITE



AFRICAN GOLD DAISY



FOXGLOVE, GLOXINIAEFLORE

ANTIRRHINUMS (Snapdragon)

Effective for bedding and forcing under glass. Produces enormous spikes of many shades of color; highly decorative and lasting when cut. Easy of cultivation. Seed sown outdoors the first week in May will bloom in August and remain in flower until November.



Giant Flowering Antirrhinum (Snapdragons)

Large-Flowering Half-Dwarf Varieties

The best for bedding purposes, growing about 18 inches high.

Black Prince. Dark-leaved, blackish crimson purple. Pkt. 15c, 1/8 oz. 50c.

Defiance. Fiery scarlet. Pkt. 15c, 1/8 oz. 50c.

Golden Queen grandiflora. Pure yellow. Pkt. 15c.

Queen of the North. White. Pkt. 15c, 1/8 oz. 50c.

roseum superbum. Rosy-pink. Pkt. 15c, 1/8 oz. 75c.

Silver Queen. A distinct color of pure silvery lilac. A beautiful color under artificial light. Pkt. 15c.

The Bride. White, changing to delicate rose. Pkt. 15c.

Collection of seven above varieties. Pkt. 75c.

Fine Mixed. All colors. Pkt. 15c, 1/4 oz. 60c.

Special Greenhouse Forcing Varieties

We particularly recommend these sorts as very valuable for forcing under glass.

Ceylon Court. Canary Yellow. Pkt. \$1.00.

Helen. Delicate Salmon. Pkt. \$1.00.

Jennie Schneider. Salmon Pink. Pkt. \$1.00.

Rocks White. Pure white. Pkt. \$1.00.

Roman Gold. Rich old gold. Pkt. 75c.

Geneva Pink. Exquisite deep pink. Pkt. 75c.

Orlando. A beautiful bronze. Pkt. 75c.

Penn-Orange. Vivid orange with yellow and pink shadings. Pkt. 75c.

Philadelphia Pink. A beautiful pink. Pkt. 50c.

Silver Pink. Ramsburg strain. Pkt. 50c.

Scarlet Giant. A fine forcer. Pkt. 25c.

Cook's White. A selected strain. Pkt. 50c.

Cook's Yellow. A fine strain. Pkt. 50c.

Giant-Flowering Varieties

These grow about 3 feet high and are all of the large-flowering types.

Bonfire. Bright cinnabar red, yellow blotch. Pkt. 15c.

Coral Red. Rich, with red throat. Pkt. 15c, 1/4 oz. 75c.

Defiance. Fiery scarlet. Pkt. 15c, 1/4 oz. 75c.

Firefly. Scarlet and white. Pkt. 15c, 1/4 oz. 50c.

Indian Summer. A rich velvety and glossy copper color. Pkt. 25c, 1/8 oz. \$1.00.

Queen Victoria. Large white. Pkt. 15c, 1/4 oz. 50c.

Roseum. Rose. Pkt. 15c, 1/4 oz. 50c.

Ruby. Pure ruby red. Pkt. 15c, 1/4 oz. 50c.

Salmon Pink. Very large-flowering. Pkt. 15c, 1/4 oz. 75c.

Striped. Odd and pretty. Pkt. 15c, 1/4 oz. 50c.

Venus. Delicate rose on white ground. Pkt. 15c.

Giant Yellow. Pkt. 15c, 1/4 oz. 60c.

Giant Large-flowered Mixed. Pkt. 10c, 1/4 oz. 50c.

ARABIS (Rock Cress)

Alpina. Plants especially adapted for edging and rockery. They form a dense carpet covered with pure white blossoms in May. Ht. 6 in. Pkt. 15c, 1/4 oz. 50c.

ARCTOTIS (African Daisy)

Grandis. An annual which forms bushes 2 to 3 feet high. Its large, showy, pure white flowers have a narrow yellow zone at base. Pkt. 15c, 1/4 oz. 75c.

ARMERIA (Thrift)

Lauchiana. Small pompons of rose-crimson, borne from June to August, on stems above a tuft of grass-like leaves. Fine for edgings and rockeries. Ht. 6 in. Pkt. 25c, 1/4 oz. \$3.25.

ASPARAGUS plumosus nanus. G.P. Graceful and feathery bright green foliage. 8 ft. Pkt. 25c.

sprengeri. A handsome variety of rapid growth for hanging baskets. 3 ft. Pkt. 15c, 100 seeds 50c.

ASPERULA odorata (Woodruff). H.P. The white flowers and foliage are perfumed. Pkt. 15c.

Yellow Fancy. Canary-yellow flowers as large as the Giant Comet. Pkt. 15c.

ASTER

Sow seed in shallow boxes in the hotbed in March; transplant seedlings 2 inches apart in boxes, and plant to permanent beds in May. Make second sowing in the coldframe the latter part of April, third sowing the latter part of May. Set early varieties 10 inches apart in the row, later varieties 15 to 18 inches apart. Rich ground and water are very necessary.

Queen of the Market

The earliest of all ;in full bloom two weeks before most other sorts. 18 in.

Crimson. Pkt. 10c, $\frac{1}{4}$ oz. 50c.
Dark Blue. Pkt. 10c, $\frac{1}{4}$ oz. 50c.
Light Blue. Pkt. 10c, $\frac{1}{4}$ oz. 50c.
Pink. Pkt. 10c, $\frac{1}{4}$ oz. 50c.
Rose. Pkt. 10c, $\frac{1}{4}$ oz. 50c.
White. Pkt. 10c, $\frac{1}{4}$ oz. 50c.
Choice Mixed. All colors. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

California Giants

In this splendid new strain, the earliness and the beautiful fluffy Comet type of flower of the Crego Asters is combined with the giant size and vigor of the American Beauties. The flowers are full-centered and substantial, 5 to 6 inches across, on stout stems $1\frac{1}{2}$ to 2 feet long without disbudding. 3 to $3\frac{1}{2}$ feet.

Peach-Blossom. Pkt. 15c, $\frac{1}{8}$ oz. 50c.
Light Purple. Pkt. 15c, $\frac{1}{8}$ oz. 50c.
Deep Rose. Pkt. 15c, $\frac{1}{8}$ oz. 50c.
Dark Purple. Pkt. 15c, $\frac{1}{8}$ oz. 50c.
Light Blue. Pkt. 15c, $\frac{1}{8}$ oz. 50c.
White. Pkt. 15c, $\frac{1}{8}$ oz. 50c.

Heart of France (Wilt-Resistant)

This beautiful variety opens as red as the purest ruby, deepens with age, and retains its remarkable color to the very end. The flowers are large and full, the plants of branching type and robust habit. The stems are long with few laterals. $1\frac{1}{2}$ to 2 ft. Pkt. 20c, $\frac{1}{4}$ oz. 50c.

Wilt-Resistant Branching

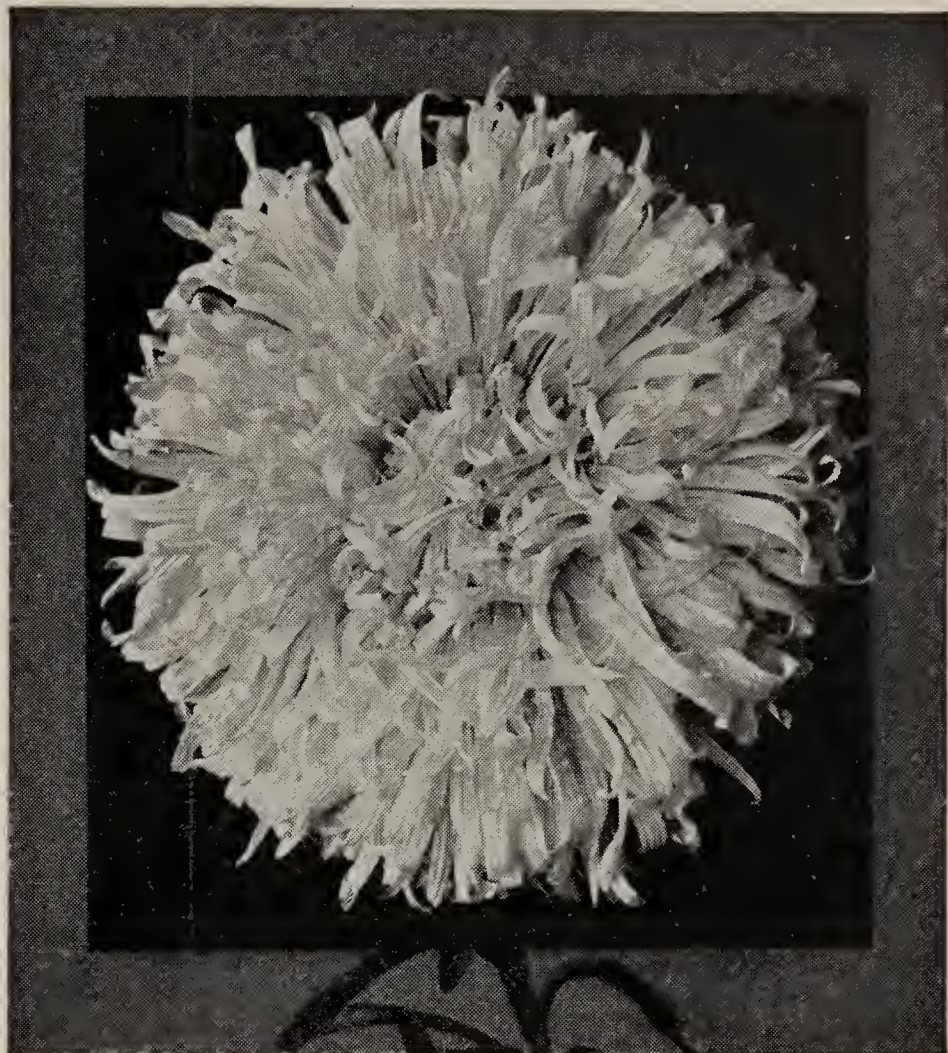
These new strains are offered, after practical tests begun in 1928, to those who have discontinued growing these profitable flowers because of failures from wilt in the past. They will succeed in badly infested wilt conditions where our regular strains will be lost entirely. They are almost completely immune to wilt.

Azure-Blue. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.
Crimson. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.
Deep Rose. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.
Shell-Pink. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.
Purple. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.
White. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.
Mixed. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.

American Beauty

One of the grandest sorts in cultivation. It is of the Late Branching type, 2 to $2\frac{1}{2}$ feet high. The flowers from 4 to 5 inches in diameter, are full, with incurved petals, and on 18-inch stems.

Shell-Pink. Pkt. 15c, $\frac{1}{4}$ oz. 70c.
Purple. Pkt. 15c, $\frac{1}{4}$ oz. 70c.
Lavender. Pkt. 15c, $\frac{1}{4}$ oz. 70c.
White. Pkt. 15c, $\frac{1}{4}$ oz. 70c.
Deep Rose. Pkt. 15c, $\frac{1}{4}$ oz. 70c.
Mixed. Pkt. 15c, $\frac{1}{4}$ oz. 70c.



California Giant Aster

Crego's Giant

Fluffy, graceful large flowers, 2 feet.

Crimson. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
Lavender. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
Purple. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
Rose. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
White. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
Finest Mixed. All colors. Pkt. 15c, $\frac{1}{4}$ oz. 75c.

Improved Giant Branching

The flowers are large, fine for cutting. 2 feet.

Crimson. Pkt. 10c, $\frac{1}{4}$ oz. 50c.
Dark Blue. Pkt. 10c, $\frac{1}{4}$ oz. 50c.
Light Blue. Pkt. 10c, $\frac{1}{4}$ oz. 50c.
Rose. Pkt. 10c, $\frac{1}{4}$ oz. 50c.
Shell Pink. Pkt. 10c, $\frac{1}{4}$ oz. 50c.
White. Pkt. 10c, $\frac{1}{4}$ oz. 50c.
Finest Mixed. All colors. Pkt. 10c, $\frac{1}{4}$ oz. 50c.
Collection of Six Varieties. Pkt. 50c.

King

Upright growth; large flowers, long, narrow petals. 2 feet.

Crimson. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
Lavender. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
Rose. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
Violet. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
White. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
Finest Mixed. Pkt. 15c, $\frac{1}{4}$ oz. 7c.

Royal

One of the best early-flowering sorts. It is quite similar in type of flower to Forbes Branching, but will come into bloom only about a week later than Queen of the Market.

Lavender. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
Rose. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
Purple. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
Shell-Pink. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
White. Pkt. 15c, $\frac{1}{4}$ oz. 75c.
Mixed. Pkt. 15c, $\frac{1}{4}$ oz. 75c.

SELECT THE BEST

ASTERS—Continued

Single Sinensis

Popular for cut flowers. 18 in.
 Light Blue. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.
 Pink. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.
 Scarlet. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.
 Violet. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.
 White. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.
 Finest Mixed Colors. Pkt. 15c, $\frac{1}{4}$ oz. 75c.

Various Asters

Daybreak. A delicate pink Aster. The flowers are very double and globe-shaped. 2 ft. Pkt. 15c, $\frac{1}{4}$ oz. \$1.25.
Enchantress Pink. Very large flowers, delicate pink. Pkt. 15c, $\frac{1}{4}$ oz. \$1.25.
Everlasting Flesh. This curious Aster resembles a large Helichrysum or Strawflower; when cut and dried it retains its color and shape. Pkt. 25c.
Purity. Of the same type as Daybreak, differing only in color, which is a pure white. 2 ft. Pkt. 15c, $\frac{1}{4}$ oz. \$1.25.



Aster, Heart of France

AUBRIETIA. H.P. Suitable for rockwork and herbaceous borders. 9 in.

graeca. Purple; trailing. Pkt. 25c.

Leichtlini. Carmine; trailing. Pkt. 25c.

hybrida grandiflora. Finest mixed colors. Pkt. 25c.

AURICULA, Finest Mixed. H.P. Flowers resemble the polyanthus primrose. Many lovely shades of yellows, garnets, and purples with lighter centers. 6 in. Pkt. 25c.

BALLOON VINE. H.H.C. White flowers, followed by balloon-like seed pods. 10 ft. Pkt. 10c.

BOCCONIA japonica. H.P. Very ornamental; flowers white. 6 ft. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

BOLTONIA asteroides. H.P. Pure white Aster-like flowers. 4 ft. Pkt. 25c.

latisquama. Pink flowers. Pkt. 25c.

BRACHYCOME iberidifolia. H.H.A. The well-known "Swan-River Daisy" is a beautiful little, half-hardy annual. Pkt. 15c, $\frac{1}{8}$ oz. 50c.

iberidifolia, Mixed (Swan-River Daisy). Pkt. 15c.

BROWALLIA. H.A. Profuse-blooming annual, highly prized for cutting. 2 ft.

elata caerulea. Bright blue. Pkt. 25c.

roezli. Free flowering, bluish white. Pkt. 25c.

speciosa major. Flowers $1\frac{1}{2}$ to 2 in. across; blue, white throat. Pkt. 25c.

viscosa. The salvia-shaped flowers are of a bright violet-blue. Pkt. 50c.

BALSAM (Lady's Slipper). H.A. Showy and easily grown annuals. 18 in.

Double Dark Blue. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Double Salmon. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Double Scarlet. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Double Yellow. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Double White. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Mixed Colors. Extra choice; double. Pkt. 10c, oz. \$1.

BARTONIA aurea. H.A. Large single yellow flowers. 12 in. Pkt. 10c, $\frac{1}{4}$ oz. 30c.

BEGONIA

Bedding Varieties

H.H.A. The following are of the Semperflorens type.

Dwarf Vernon. Rich scarlet. 6 in. Pkt. 25c, $\frac{1}{8}$ oz. \$2.

Erfordi. Carmine bedder. 6 in. Pkt. 50c, $\frac{1}{32}$ oz. \$4.

gracilis rosea. Delicate rose. 9 in. Pkt. 25c.

gracilis luminosa. Deep scarlet. 9 in. Pkt. 25c.

Crimson. Light green foliage, with large crimson fiery-red flowers. Pkt. 50c.

gracilis Mignon. Scarlet flowers, foliage deep green, with red spots and border. 6 in. Pkt. 25c.

gracilis "White Pearl." Pure white flowers, with light green foliage. 9 in. Pkt. 25c.

Salmon Queen. Bright salmon flowers. 6 in. Pkt. 25c.

Vernon. Bronze foliage with scarlet flowers. Pkt. 25c.

Tuberous-rooted

G.P. Produce magnificent flowers; grown either in pots or for bedding.

Giant Single, Mixed. 12 in. Pkt. 50c.

Giant Double, Mixed. 12 in. Pkt. 50c.

Rex Varieties. Ornamental leaves. 12 in. Pkt. 50c.

BELLIS PERENNIS (Double English Daisy)

Bright, colorful perennial flowers grown very extensively for spring bedding purposes. They are always in strong demand and bring the grower good returns. Sow in light soil in early spring and prick out; or sow in August and grow in a coldframe until spring, then transplant to outdoors. Ht. 6 in.

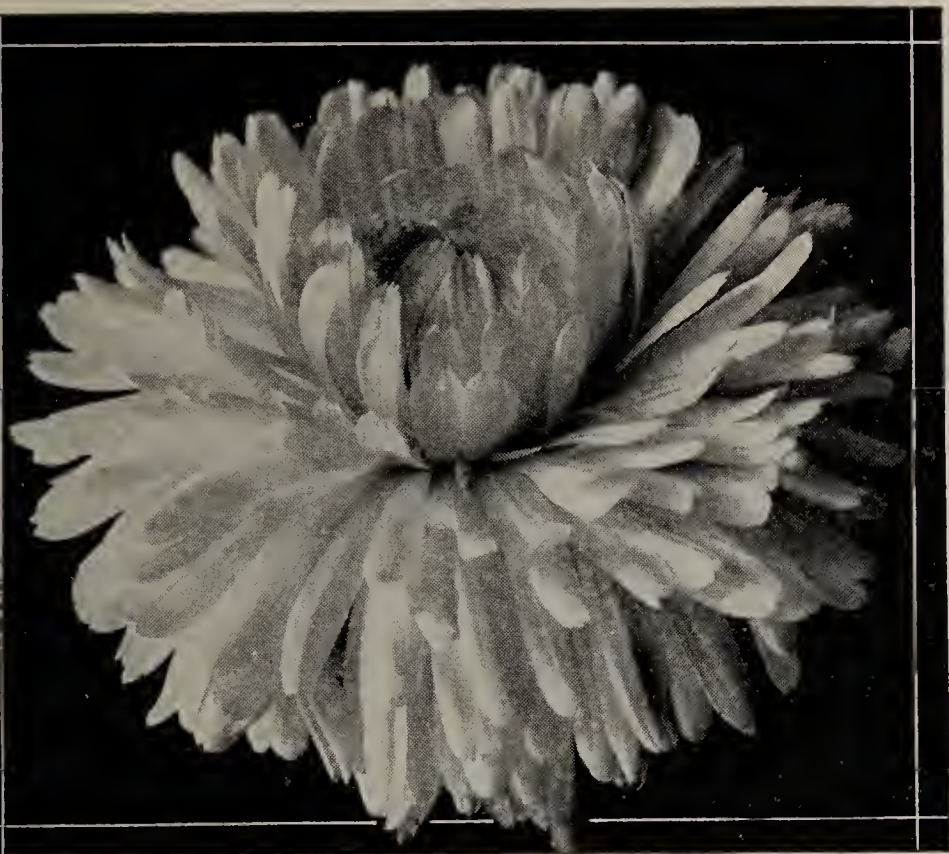
Monstrosa maxima. These are large, double flowers borne on long, rigid stems. Because of the ready sale of bedding plants of this large-flowered variety, it does not pay to grow a smaller-flowered strain, even though the seed of that strain costs less. Offered in three colors.

Red. Pkt. 15c, $\frac{1}{4}$ oz. 75c.

Rose. Pkt. 15c, $\frac{1}{4}$ oz. 75c.

White. Pkt. 15c, $\frac{1}{4}$ oz. 75c.

Mixed. Pkt. 15c, $\frac{1}{4}$ oz. 75c.



Calendula, Ball's Gold

CALENDULA (Pot Marigold)

One of the best and showiest free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders. It is particularly bright in late fall, continuing in bloom from early summer until killed by frost. Valuable also for pot culture, blooming freely in winter and early spring. 1 ft.

Campfire. This enormous new variety, a brilliant orange with a scarlet sheen and full yellow center, does not show any of the dark center so objectionable in the modern Calendula. Equally worthy as a garden flower or as a forcing subject. Pkt. 25c, $\frac{1}{4}$ oz. \$1.00.

Radio. Many new Calendulas have been introduced in recent years, but none has shown as distinct a break in the formation of the flower as is the case with Radio. The petals are beautifully quilled, giving an unusual appearance for a Calendula and adding much beauty. The deep orange flowers are very globular and do not show the center until at a very advanced stage. They are of medium size on stems of fairly good length. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

Ball's Gold. Extra-double blooms of same type and size as Ball's Orange but of rich golden yellow color. Pkt. 25c, $\frac{1}{4}$ oz. 75c.

Ball's Orange. This strain of Calendula produces exceptionally large, extra-double flowers of bright orange. Pkt. 15c, $\frac{1}{4}$ oz. 45c.

Lemon Queen. Of brightest sulphur-yellow. One of the most double and always very showy. Pkt. 20c, $\frac{1}{4}$ oz. 50c.

Orange King. Fine for cutting, bearing wonderful double flowers of the deepest orange-red. Pkt. 10c, $\frac{1}{4}$ oz. 45c.

Double Mixed. All colors. Pkt. 10c, $\frac{1}{4}$ oz. 35c.

CALLIOPSIS or COREOPSIS

Blooms from June until frost. It grows 2 to 3 feet high, branches freely, and has long, wiry flower stems, crowned with lovely clusters of small daisy-like flowers in beautiful shades of crimson, orange and gold. Seeds may be sown in the garden in May and the young plants transplanted from 10 to 12 inches apart. For early flowers, sow seed in the hot-bed or coldframe in March.

Annual Varieties—Calliopsis

Bicolor Nana. Dwarf; compact; clear yellow, small garnet eye. 10 in. Pkt. 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.25.

Crimson King. Splendid; dwarf; rich velvety crimson-garnet. 10 in. Pkt. 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.25.

Golden Wave. A fine rich golden yellow, with chestnut-brown center. 1 ft. Pkt. 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.25.

Mixed Colors. A select mixture of tall varieties with a fine color variety. Pkt. 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.25.

Perennial Varieties—Coreopsis

Usually sown in June and transplanted 1½ feet apart. Give slight winter covering. Will flower the first year if sown under glass in January.

California Sunbeams. Deep golden yellow, Cosmos-shaped flowers, on fine stems for cutting. Ht. 2 ft. Blooms freely all summer. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

Lanceolata Grandiflora. Same except flower is lanced. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

CANDYTUFT (Iberis)

The Candytufts are among our best hardy annuals for edgings, bedding, massing, rockeries, or for cutting. Several of the varieties are fragrant, and all are profuse in bloom. Sow outdoors in April, and thin well when the plants grow about an inch. Sow again in a month, and late in July for fall flowers. Give rich soil and water freely.

Annual Varieties

Giant White Hyacinth-Flowered, or Improved Empress. Very fine large white trusses of branching habit. An extra-choice, free-blooming strain. 1½ feet high and the best for cutting. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

Umbellata. This class produces plants about a foot high and is quite popular for bedding purposes. The flowers are borne liberally in large, brightly colored trusses. We offer the following separate colors. Carmine, Crimson, Lilac, Flesh-Pink, White. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Umbellata, Mixed. Plants 1 foot high.

Perennial Varieties

Hardy evergreen plants, making a magnificent showing the second year from seed. They bloom very early, cushioning rock ledges with banks of bloom. Sow outdoors in spring or fall in sunny place. 6 to 10 inches.

Sempervirens. A profuse white-blooming hardy perennial, coming in flower early in the spring; much used for rockeries, etc. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.

Gibraltarica. Lilac flowers, shading white; very fine. Pkt. 15c, $\frac{1}{4}$ oz. 75c.

CALLIRHOE involucrata. (Poppy Mallow.) H.P. Beautiful trailing plant; flowers large, crimson, with white center. 12 in. Pkt. 15c, 1/8 oz. 75c.

CANARY BIRD VINE. H.A.C. Pretty climber with yellow, butterfly-like flowers. 10 ft. Pkt. 10c.

CACALIA coccinea (Tasselflower.) H.A. Scarlet. Pkt. 10c.

CALCEOLARIA hybrida grandiflora. G.P. Highly prized plants for conservatory and house decoration. Pkt. 75c.

Cook's Giant Strain. Rich and delicate colors, in the most marvelous variety of shades. Pkt. 50c.

rugosa Mixed. Bedding varieties. 12 in. Pkt. 50c.

CAMPANULA

A large, beautiful, and most important family for the flower-garden. The dwarf species are charming for rock-gardens, and not difficult to cultivate. The habit of the plant is compact, ranging from 1½ to 2 feet in height. Most effective when planted in the mixed border with early phloxes.

Biennial Varieties

Sow these hardy biennials in summer and transplant to a bed in autumn for flowering the following year. Make effective pot plants for spring flowering, if sown in summer, potted in autumn, and kept in a cool frame through winter.

Medium (Canterbury Bells). Large, bell-shaped flowers in many shades. Elegant border or pot plants. Some seedlings will vary from color. 2 ft. **Single, Blue, White, Rose, or Mixed.** Ea., pkt. 10c, 1/4 oz. 50c.

Medium Calycanthema (Cup-and-Saucer Canterbury Bells). This is the finest type of this border favorite. 2 ft. **Blue, White, Rose, or Mixed.** Ea., pkt. 10c, 1/4 oz. 60c.

Perennial Varieties

Attractive bell-shaped flowers; thrive in light, rich soil.

Carpatica (Carpathian Harebell). Hardy; blooms the entire season; color clear blue. 6 inches high. Good for edging. **Blue or White.** Each, pkt. 10c, 1/4 oz. \$1.00.

Persicifolia. Large, cup-shaped single flowers. Hardy. Fine for pot plants. 2 ft. **Blue or White.** Each, pkt. 15c.

Pyramidalis. Stately plants. Large, tubular flowers. 5 ft. **Blue or White.** Each, pkt. 15c, 1/4 oz. \$1.00.

CANNAS

T.P. Handsome foliage and flowering plants, producing striking effects in beds or borders. Soak the seed in hot water 24 hours before sowing. 3 to 4 ft.

Mixed. Dark-leaved variety. Pkt. 10c, oz. 50c.

Crozy's Large Flowering. Dwarf, mixed. Pkt. 10c.

CARNATION

Chabaud's Everblooming. Sow early in frame or greenhouse. Plant out seedlings 6 inches apart and from midsummer till frost you will have Carnations as full and sweetly perfumed as those sold by the florist and almost as large. **Cardinal, Crimson, Rose-Pink, Salmon, White or Yellow.** Each, Pkt. 20c, 1/4 oz. \$1.50.

Mixed Colors. Pkt. 20c, 1/4 oz. \$1.25.

Perennial Carnations

Early Dwarf Vienna. Grows 14 inches tall, with extra-double large flowers. Blooms 14 days earlier than any other of this class. **Double Rose, Double White, Double Mixed.** Each, pkt. 50c.

Grenadin, Dwarf Double Red. The compact plants, 15 inches high, of this dwarf hardy Carnation are ideal for bedding-plant sale. It bears medium-sized, double, bright scarlet flowers. Will bloom next spring from seed started this fall. Pkt. 50c.

Giant Marguerite Carnations

They begin flowering in July if sown early in the spring. The strain offered is of fine quality, producing on long, strong stems an abundance of large, double, beautifully fringed, highly scented flowers; with slight protection they will survive an ordinary winter.

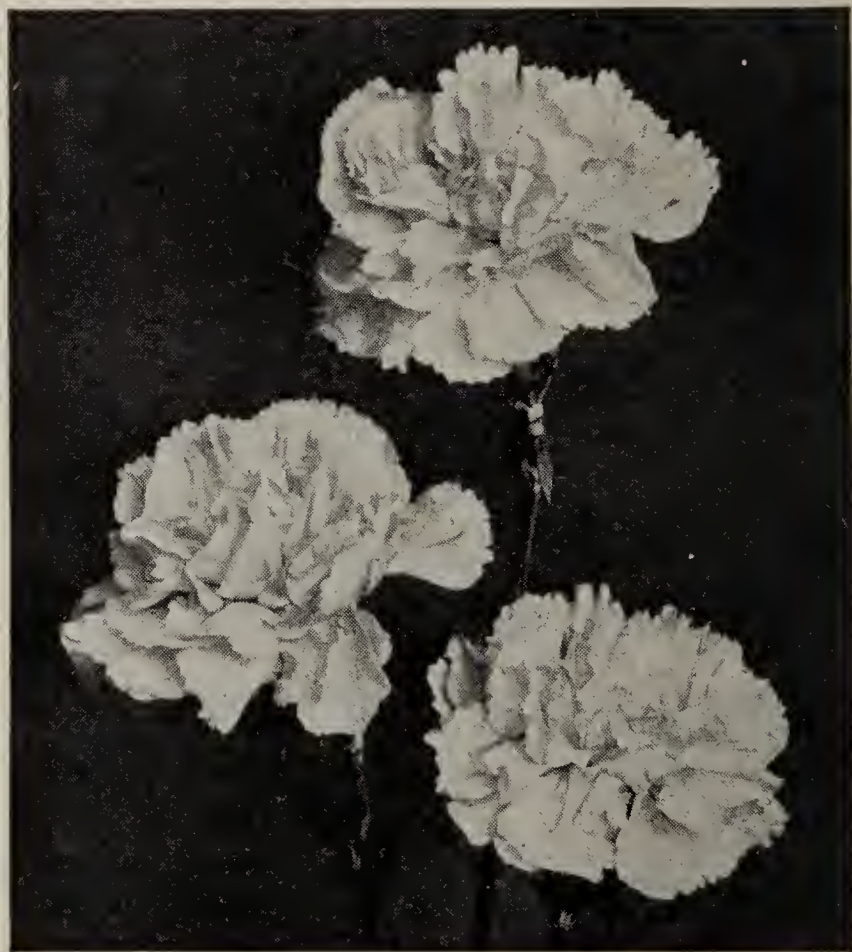
Giant Pink. Pkt. 15c, 1/4 oz. \$1.00, oz. \$3.00.

Giant White. Pkt. 15c, 1/4 oz. \$1.00, oz. \$3.00.

Giant Crimson. Pkt. 15c, 1/4 oz. \$1.00, oz. \$3.00.

Giant Scarlet. Pkt. 15, 1/4 oz. \$1.00, oz. \$3.00.

Giant Yellow. Pkt. 15c, 1/4 oz. \$1.00, oz. \$3.00.



Chabaud's Carnation



Chinese Woolflowers

CELOSIA

Celosia Cristata (Cockscomb)

Free-blooming annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or may be sown outdoors in May.

Empress. Enormous crimson heads somewhat resembling a cockscomb. Dark bronze foliage. 10 in. Pkt. 10c, ¼ oz. \$1.00.

Dwarf, Mixed. Of easy culture and should be planted in every garden. The dwarf-growing varieties are excellent for borders. Blooms all summer. 1 ft. Pkt. 10c, ¼ oz. 75c.

Celosia Plumosa (Feathered Cockscomb)

There are no more showy summer and fall bedding plants than the plumed Celosias. Planted in masses, the color effect is magnificent.

Ostrich Plumed. Of pyramidal growth with superb, pointed plumes, making grand pot plants and gorgeous beds, blooming from July to September. Prefers a fairly rich soil. 2 ft. Mixed. Pkt. 10c, ¼ oz. 50c.

Thompsoni Magnifica. Colors range from the clearest yellow to the darkest blood-red. Fine full plumes. 3 ft. Pkt. 15c, ¼ oz. \$1.00.

Celosia Plumosa Childsi (Chinese Woolflower)

The most unusual type of Feathered Celosia, attaining a height of from 2 to 3 feet. The tips have a brushy appearance.

Mixed. Pkt. 15c, ¼ oz. \$1.00.

CENTAUREA

This popular annual includes such favorites as the Bachelor's Buttons, or Cornflowers, and Sweet Sultans, of easiest culture.

CORNFLOWER (*Centaurea cyanus*)

Also known as Bachelor's Button, Bluet, and Rag-rigger Sailor. They are easy to grow, take care of themselves, and bloom continuously. Thin plants to stand 10 inches apart. 3 ft.

Single Varieties

These are well known and found in every old-fashioned garden.

Blue Emperor. The original old-fashioned deep blue Cornflower. Pkt. 10c, ¼ oz. 25c, oz. 75c.

Single Mixed. The attractive colors of this mixture include rose, white, and blue shades. Pkt. 10c, ¼ oz. 25c, oz. 75c.

Double Varieties

These are improved strains with full double flowers. 2 ft.

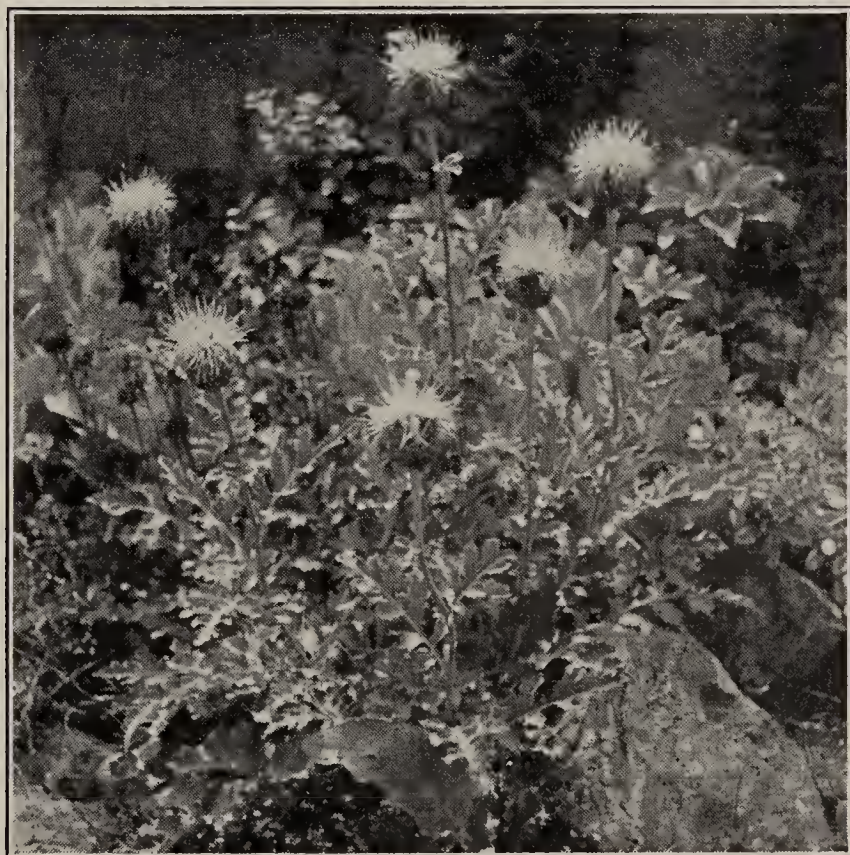
Double Blue, Rose, or Mixed. Each, pkt. 10c, ¼ oz. 30c, oz. 90c.

GIANT SWEET SULTANS

These are wonderful flowers for cutting—long-stemmed, exquisitely fringed, most graceful in appearance, and delightfully fragrant. The most beautiful colors are found among them. Easy to grow, flowering freely from June until frost. Successive sowings should be made two weeks apart during May and June. They do well in a rich, loose soil. Cover seeds ¼ inch. 2 to 3 ft.

Imperials, Mixed. Pkt. 15c, ¼ oz. 50c.

Suaveolens (Yellow Sweet Sultan). Very showy, large, bright yellow, sweet-scented flowers. A very popular sort used extensively by the florist as a cut-flower. Pkt. 15c, ¼ oz. 50c.



Yellow Sweet Sultan

WHITE-LEAVED CENTAUREA

(Dusty Millers)

These are largely used for edging of beds or borders of the flower-garden. The glistening white foliage, with bright coleus, salvia, or red canna, is very striking. Ht. 1 to 1½ ft.

Candidissima. Rapid-growing annual grown only for its lanced, silver-coated foliage. Pkt. 10c, ¼ oz. 75c.

Gymnocarpa. Silver fern-like leaves. Pkt. 10c, ¼ oz. 50c.

CHRYSANTHEMUMS

Annual Varieties

They bloom profusely from early summer until frost, and, when grown in large beds or masses, their bright colors make a splendid show. The plants can be brought into bloom early by sowing the seeds in frames or window-boxes, and afterward transplanting to the garden; or seed may be sown where the plants are to flower, if the seedlings are thinned to 8 to 10 inches apart.

Burridgeanum (Beaconsfield). White petals, zone of rich brownish red, inner zone yellow. Pkt. 15c, ¼ oz. 50c, oz. \$1.50.

Chameleon. The colors vary, but generally are brown and yellow. Pkt. 15c, ¼ oz. 50c, oz. \$1.50.

Eastern Star. Clear yellow petals with dark disc. Pkt. 15c, ¼ oz. 50c, oz. \$1.50.

Evening Star. Yellow petals, dark disc. Pkt. 15c, ¼ oz. 50c, oz. \$1.50.

Morning Star. Petals canary-yellow, with a halo of deeper yellow, disc darker. Pkt. 15c, ¼ oz. 50c, oz. \$1.50.

Northern Star. Daisy-like flowers, 3 inches in diameter; pure white, fringed petals with canary-yellow zone around a dark brown eye. Pkt. 15c, ¼ oz. 50c, oz. \$1.50.

The Sultan. Rich wallflower-red with a narrow yellow zone around the brown disc. Pkt. 15c, ¼ oz. 50c, oz. \$1.50.

Perennial Varieties

Single

May be had in bloom the year around but especially grown for winter flowers in pots.

Maximum, Mayfield Giant. A gaint Daisy, with double row of snow-white petals. Ideal for cut-flowers. 2 to 3 ft. Pkt. 10c, ¼ oz. 75c.

Shasta Daisy. "Alaska." A splendid hardy perennial with flowers frequently 2 inches across, of the purest glistening white, with broad overlapping petals. Will keep a week after cut. 3 ft. Pkt. 10c, ¼ oz. \$1.25.

Double

Will produce about 75 per cent of double flowering plants.

Chinese and Japanese, Large-flowering. Seed sown early in the house will produce plants that will bloom for the first year. Many blooms are double or partly double, 2 to 3 ft. Pkt. 15c.

Hardy Pompon, Mixed. Old-fashioned fall-flowering sorts, with double, button-like blossoms. 1½ ft. Pkt. 10c.



Shasta Daisies, "Alaska"

CERASTIUM tomentosum (Snow-in-summer). H.P. A dwarf, white-leaved edging plant with small white flowers. Good rock plant. Pkt. 15c.

CHELONE barbata. H.P. Long racemes of scarlet flowers. 2 ft. Pkt. 10c, ¼ oz. 50c.

CHEIRANTHUS allioni (Alpine Wallflower). H.H.P. Excellent for rockery or border; brilliant orange flowers. 9 in. Pkt. 25c.

CINERARIA

hybrida. One of the most gorgeous colored flowering plants for either greenhouse or conservatory. Seeds should be sown in July, August or September. Pkt. 50c.

Cook's Prize Mixed. Every shade of blue, crimson, violet and pink, both in self-colors and with white edge or center. The flowers are often 3 inches in diameter and the plants of excellent habit. 2 ft. Pkt. 50c.

Cactus-flowered Mixed. Large flowers with narrow rolled petals radiating from the center. Fine for conservatory. 2 ft. Pkt. 50c.

Dwarf Prize Mixed. This strain is just as choice as above, but different in height. Pkt. 50c.

hybrida multiflora nana. The dwarfest and most compact strain, with large flowers. Pkt. 50c.

stellata, Star-flowered. Tall, pyramidal plants, bearing star-like flowers. Very effective for the house and conservatory, also very useful for cutting. 2 ft.

—hybrids, Mixed Colors. Pkt. 50c.

maritima candidissima. H.H.P. A white-leaved "Dusty Miller," used for edging. 1 ft. Pkt. 15c.

CHINESE LANTERN PLANT (Physalis)

Franchetii. Hardy perennial forming dense bushes about 2 feet high, producing bright orange-scarlet lantern-like fruits. May be had in flower first year from seed if sown early. Pkt. 25c, ¼ oz. 75c.

CHINESE FORGET-ME-NOT (*Cynoglossum amabile*). Strong, bushy plants, producing through the summer months, sprays of forget-me-not-like flowers. For massed bouquets.

Blue. Pkt. 15c, ¼ oz. 50c.

CLARKIA

This pretty and easily grown annual does well either in sun or shade. 2 ft.

Elegans, Double. This pretty annual, of easy cultivation, succeeds well in any garden soil, either in sun or shade, growing 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. They are bright, and attractive, especially in masses, and fine for outdoors, as well as in the greenhouse during winter. **Mixed**. Pkt. 15c, ¼ oz. 50c.

Brilliant. Double salmon-scarlet flowers. Pkt. 15c, ¼ oz. 50c.

Queen Mary. Very bright rose-carmine, double. Pkt. 15c, ¼ oz. 50c.

rosea flore pleno. Double rose. Pkt. 15c, ¼ oz. 50c.

Salmon Queen. Extra double, salmon-pink. Pkt. 15c, ¼ oz. 50c.

Scarlet Queen. Fine double, brilliant salmon-orange-scarlet. Pkt. 15c, ¼ oz. 50c.

White. Very double, pure white flowers. Pkt. 15c, ¼ oz. 50c.

CLEOME gigantea (Giant Spiderflower). H.A. Bright rosy-crimson flowers; adapted for large beds or borders. 3½ ft. Pkt. 10c, ¼ oz. 50c.

CLIANTHUS dampieri. G.P. (Austrian Glory Pea). Scarlet flowers. Pkt. 25c.

CLERODENDRON fallax. G.P. Erect growing greenhouse plant, with large spikes of scarlet. Pkt. 50c.



Clarkia, Brilliant

COBAEA (Cup-and-Saucer Vine)

An annual climber of rapid growth, attaining 25 to 30 feet during the season. It is valuable for covering trellises, arbors, trunks of trees, etc., and will cling to any rough surface. In sowing, place seeds edgewise and merely cover lightly with soil. Start seed indoors in March or sow outdoors in May.

Scandens. Large, bell-shaped, purple flowers. Pkt. 15c, ¼ oz. 75c.

Scandens Alba. Pure white. Pkt. 15c, ¼ oz. 80c.

COLLINSIA, Mixed. Free flowering, hardy annuals of deserved popularity, blooming from June to October, and suited to dry situations. Pkt. 10c.

COSMOS

A hardy and rapid-growing annual, forming bush-like plants 4 to 7 feet high, with feathery green ornamental foliage, covered with large flowers somewhat resembling the single dahlia. For ordinary culture, sow outdoors early in the spring in rather light soil, not too rich, and preferably in a sunny situation. Cover the seed with from ¼ to ½ inch of fine soil pressed down. If planted in rows, make the rows about 2 feet apart, and thin to stand about 1 foot apart in the row. If more bushy growth is desired, pinch off the tops of the plants when they are about 1 foot high. The ordinary varieties bloom from late August or early September right up to frost.

Dwarf Early Summer-Flowering. This early-flowering strain grows about 4 feet high, blooms profusely four weeks earlier than the large sorts, and is well adapted to northern latitudes. The flowers are not as large as the late Mammoth-flowering. **White, Delicate Pink, Crimson, or Mixed**. Each, pkt. 10c, ¼ oz. 30c.

Tall Late Mammoth-Flowering. These tall, graceful plants are most effective along background borders, against evergreens. The gigantic flowers, borne on long stems, and the feathery foliage are fine for bouquets. Blooms from late August until frost. 5 to 7 ft. **White, Pink, Crimson, or Mixed**. Each, pkt. 10c, ¼ oz. 25c.

Early Double-Flowering. Real double flowers about 1½ inches in diameter. The plants grow to a height of 4 feet, forming a perfect bush, massed with bloom. They bloom in 70 days after seed is sown. **White, Pink, Crimson, or Mixed**. Each, pkt. 15c, ¼ oz. 70c.

Early Express. This excellent strain, first offered in 1929 in its pink form, has earned a very definite place among Cosmos. Its chief advantage is the short time required from seeding-time to first bloom—45 days—making it the very earliest Cosmos so far available. It forms only 3-foot plants but the single flowers compare well in size with Mammoth-flowering. **Crimson, Pink, White, or Mixed**. Each, pkt. 25c, ¼ oz. 75c, ¼ lb. \$2.00.

Double Crested New Early Flowering. (Annual.) A flower of rare grace and beauty, reminding one of a small Japanese peony. This new Cosmos is early flowering in habit and blooms from July until frost. Pkt. 25c, ¼ oz. \$1.00.

Early Klondyke Orange Flare. See page 2.

CONVOLVULUS, or **Morning Glories**. (See also *Ipomoea*). H.A.C. Deservedly very popular, as they are of the most free-flowering and rapid growing plants in cultivation.

Major. Mixed colors. Climbers of rapid growth. Pkt. 10c.

minor, or **Bush Morning Glories**. Mixed colors. Pkt. 10c.

CYCLAMEN

G.P. These are among the choicest of flowering greenhouse plants. Seed should be sown from October until January.

Giant Varieties (*Persicum giganteum*). New crop seeds usually arrive in August.

Bush Hill Pink. Color a bright rosy-pink, foliage beautifully marbled. Pkt. \$1.00.

Crimson King. Dark crimson. Pkt. 50c, 100 seeds \$2.00.

Giant White. Pkt. 50c, 100 seeds \$2.00.

Fragrance. Color, rose. Pkt. \$1.00.

Fragrant Gem. Flowers white with rose eye. Pkt. \$1.00.

Mrs. Buckston. Salmon-pink, heavily fringed. Pkt. \$1.00.

Salmon Queen. Salmon. Pkt. 50c, 100 seeds \$2.00.

St. George. Pale salmon, with marbled foliage. Pkt. \$1.00.

Victoria. A pretty form with colored fringe at the top of the petals. In several colors. Pkt. \$1.00.

Giant Mixture. Includes all the brilliant colors. Pkt. 50c.

CUPHEA platycentra (Cigar Plant). H.H.P. Valuable as a bedding and border plant. The flowers are scarlet with black and white. Pkt. 15c.

CYPERUS alternifolius (Umbrella Plant). G.P. Handsome plants easily raised from seed; used for table decorations and combining with palms; semi-aquatic. 2 ft. Pkt. 25c.

CYPRESS VINE. Pretty vines, growing to a height of 10 to 15 feet with delicate fern-like foliage and dainty star-shaped flowers. Pkt. 10c, 1/4 oz. 25c.



Giant Exhibition Hybrid Delphinium

DAHLIA

Giant Perfection Single Mixed. Of strong, robust habit, flowers of immense size, in a bewildering variety of color. Pkt. 25c.

Mignon Hybrids. Fine bedding plants, 2 feet high, with a riot of single flowers in many colors three months from seed. Pkt. 25c.

Giant Double-Flowering, Select Mixed. Pkt. 25c.

Cactus Varieties, Double Mixed. Pkt. 25c.

DATURA (Trumpet flower). H.H.A. Robust garden annual, bearing large trumpet-shaped flowers. 4 ft. Pkt. 15c, 1/4 oz. 50c.

Double-flowering (*Fastuosa* fl. pl.). Mixed. Pkt. 15c, 1/4 oz. 50c.

Cornucopia (Horn of Plenty). Pkt. 15c, 1/4 oz. 50c.

DELPHINIUM

(Perennial Larkspur)

The tall, stately flower-spikes of the Delphinium rise to a height of 3 to 5 feet and supply the garden with a wealth of pale blue, azure-blue, gentian-blue, sapphire, and royal purple hues. They are effective in all situations and demand rich, deeply cultivated soil and considerable moisture. If flower-spikes are cut when through blooming, others will replace them.

Sow the seeds in early spring, indoors or in hot-beds in shallow boxes. When the seedlings are about 3/4 inch high, transplant to flats 3 to 4 inches apart each way, transferring them to the open ground when the weather is suitable. Spring-sown plants bloom in July and August. They may be planted 6 to 8 inches apart. The following spring the choicer ones may be planted in permanent groups 2 to 3 feet apart. In two to three years heavily manure the beds and reset.

Wrexham Hybrids. The deft magic of the great English hybridizers has endowed this new strain with flowers of superb size, exquisitely proportioned, on spikes like the tapered spires of ancient gothic cathedrals. These spikes range from 4 to 6 feet, with unusually long blooms of exquisitely colored florets—lovely tones of blues, mauves, lilacs, purples, and violets in indescribably wonderful variations. Pkt. 50c, 1/4 oz. \$3.40.

Blackmore and Langdon's Best Strain. This unusually fine mixture contains nearly all of the newest varieties developed by these famous English Delphinium specialists. Many of these hybrids have earned gold medal awards in England. The well-filled spikes are superbly colored and grow 6 to 7 feet high. They bloom in June and July and sell at sight. Pkt. 50c, 1/4 oz. \$3.00.

Gold Medal Hybrids. This is one of the finest strains of mixed hybrids ever offered. The plants are of strong, vigorous habit, 4 to 5 feet high, with large flowers on spikes 2 feet long and over, the majority running in the lighter shades of blue. Pkt. 30c, 1/4 oz. \$3.00.

Belladonna Hybrids. This is the freest and most continuous blooming Hardy Larkspur. Not equaled for the delicacy and beauty of the flowers, in clear turquoise and other blue shades. 4 ft. Pkt. 25c, 1/4 oz. \$1.50.

Belladonna Improved. Light turquoise-blue. Pkt. 30c, 1/4 oz. \$1.50.

Bellamosum. Beautiful spikes of dark blue flowers, with a white center. 2 1/2 ft. Pkt. 25c, 1/4 oz. \$1.50.

DICTAMNUS fraxinella. H.P. Handsome spikes of reddish flowers and fragrant leaves. Pkt. 15c.

DIANTHUS (Pinks)

These hardy biennials are unsurpassed for color and fragrance. They bloom finely the first season, remaining green all winter and blooming the next year also, if lightly protected. Seed may be sown in the open in early spring when frost is past, and if the *Barbatus*. See Sweet William.

Hardy Garden Pinks

Plumarius, Single Mixed (Pheasant's-Eye Pink). Large, single, fringed flowers, beautifully marked in many colors; delightfully fragrant. $\frac{1}{4}$ oz. 15c, oz. 50c, $\frac{1}{4}$ lb. \$1.40.

Plumarius, Double Mixed (Double Hardy Garden Pinks). Double and semi-double varieties in beautiful colors. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.25, $\frac{1}{4}$ lb. \$4.40, lb. \$16.00.

Plumarius semperflorens (Everblooming Hardy Garden Pinks). Very beautiful, sweet-scented, double, semi-double, and single flowers in variety of color. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.25, $\frac{1}{4}$ lb. \$4.40, lb. \$16.00.

Double Annual Pinks

Chinensis, Double Mixed (China, or India Pinks). Bloom in clusters; flowers very double and in a large range of bright colors. Pkt. 10c, $\frac{1}{4}$ oz. 35c.

Fireball. Extra-double, brilliant dark scarlet; very beautiful. Pkt. 15c, $\frac{1}{4}$ oz. 75c.

diadematus fl. pl. (Double Diadem Pink). Large, double flowers. Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Heddewigi fl. pl. (Japanese Pink). Large, double flowers of exquisite colors. Pkt. 10c.

Pink Beauty (Heddewigi). A beautiful double pale pink annual variety. Pkt. 25c.

laciniatus "Salmon Queen." Very striking double flowers, rich salmon scarlet. Pkt. 15c, $\frac{1}{4}$ oz. \$1.

"Snowball." Extra large, double, pure white. Pkt. 10c.

DIDISCUS caerulea (Blue Lace Flower). H.A. An attractive annual, blooming from July until frost. Pale lavender flowers. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

DIGITALIS (Foxglove)

Beautiful hardy flowers for the tall border, with towering spikes of bell-shaped blossoms and strong, clean foliage at the base. Although they sometimes persist for several years, they are best treated as biennials, blooming the second season from seed sown during spring or summer. They may also be flowered in pots in a cool greenhouse from August-sown seed. 3 to 4 ft.

Gloxiniaeflora. Large, spotted, gloxinia-like flowers, produced on long spikes. Purple, White Rose, or Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 40c.

Purpurea Monstrosa. A showy form in which the upper flowers unite into one large, cup-shaped blossom. Various colors. Pkt. 10c, $\frac{1}{4}$ oz. 60c.

Giant Shirley. A new creation of Rev. Wilkes who introduced the Shirley poppy. The greatest improvement over *Purpurea*. This is a fine varicolored strain, producing flower-spikes 4 to 6 feet in height. Color from white to dark rose and blotched form. Pkt. 25c, $\frac{1}{4}$ oz. \$1.50.

DIMORPHOTHECA (African Golden Daisy)

Aurantiaca, Orange. With dark disc. Pkt. 15c, $\frac{1}{4}$ oz. 75c.

Aurantiaca Hybrids. Varying in color from white to blush-white, lemon-yellow to reddish yellow, pale salmon to golden orange. This is a rare and interesting annual. Pkt. 15c, $\frac{1}{4}$ oz. 75c.

DOLICHOS or HYACINTH BEAN. H.A. Annual climbers with clusters of Bean-like flowers. 10 ft. lablab, Mixed. Purple and white. Pkt. 10c, oz. 50c.

DRACAENA indivisa. G.P. For vases, pots, etc. Narrow green leaves. Pkt. 25c, $\frac{1}{4}$ oz. 35c.

ESCHSCHOLTZIA (California Poppy)

Annual readily grown from seed sown outdoors in May in the spot where they are to remain. Don't transplant. The flowers appear on fairly long stems from June until frost.

California Hybrids. A very fine mixture of dwarf, erect varieties containing soft pink, scarlet, chrome, copper-red, claret, and royal purple. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

California Aurantiaca (California Poppy). Orange. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Carmine King. Beautiful shade of carmine-rose. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Golden West. Bright yellow. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Pure White. Large flowers. Sage-green foliage. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Mixed. Containing white, yellow, and orange shades. Pkt. 10c, $\frac{1}{4}$ oz. 50c.



Eschscholtzia California Hybrids

Cook's "Aulseed" Quality Flower Seeds



COREOPSIS GRANDIFLORA
CALIFORNIA SUNBEAM



CHRYSANTHEMUM
ALASKA



HOLLYHOCKS
CHATER'S HYBRIDS



DELPHINIUM, BELLADONNA



MARIGOLDS

Lemon Queen
Orange Prince
Guinea Gold

ECHINO CYSTIS lobata (Wild, or California Cucumber). H.A.C. The fastest growing annual vine in existence; grows 20 feet in six weeks. Pretty foliage and inconspicuous white flowers. Pkt. 10c, oz. 50c.

ECHINOPS ritro (Blue Globe-thistle). H.P. Purple. Pkt. 15c, ¼ oz. 35c.

EDELWEISS (Leontopodium). H.P. Silvery white everlasting flowers. Pkt. 25c.

EREMURUS (Gold Medal Hybrids). H.P. Stately plant with long spikes of flowers. Pkt. 50c.

ERIGERON speciosus (The Mid-summer Daisy). H. P. Pale mauve flowers with golden centers. Fine for cutting. 18 in. Pkt. 15c.

ERINUS alpinus. H.P. Bright purple flowers, a choice rock plant. 6 in. Pkt. 25c.

ERYNGIUM amethystinum (Sea Holly). H.P. Spiny foliage and small, amethyst-blue flowers in large panicles. 3 ft. Pkt. 15c, ⅛ oz. \$1.00.

ERYSIMUM arkansanum. H.A. Bright yellow flowers resembling the Wallflower. 18 in. Pkt. 15c.

linifolius. (See *chieranthus linifolius*.)

pulchellum. H.P. Pale yellow flowers. Useful for rockwork. 9 in. Pkt. 15c.

EUCALYPTUS globulus (Blue Gum Tree). G.P. Used as greenhouse plant for decorations. Pkt. 15c.

EUPATORIUM Fraseri. H.P. White, fine for cutting. 2 ft. Pkt. 15c, ¼ oz. \$1.00.

EUPHORBIA

Strong-growing annuals, suitable for beds of tall-growing plants or mixed borders. The foliage is exceedingly ornamental.

Variegata (Snow-on-the-Mountain). Elegant, bushy plants, with broad green leaves veined and margined with white. Attractive in foliage groups. 2 ft. Pkt. 10c, ¼ oz. 25c.

Heterophylla (Annual Poinsettia; Mexican Fire-Plant). An annual, bushy plant, with highly ornamental leaves, which in summer and autumn become dark fiery scarlet. 2 to 3 ft. Pkt. 15c, ⅛ oz.

EVERLASTINGS

The "Everlastings" succeed in any good garden soil. The flowers of rich, glittering colors make a fine display in beds or borders, but are especially grown to dry for winter use in baskets, vases, etc. They should be planted 12 to 15 inches apart, giving room to develop.

ACROCLINIUM. Mixed. 1 ft. Pkt. 10c, ¼ oz. 50c.

GLOBE AMARANTH, MIXED. 1 ft. Pkt. 10c, ¼ oz. 25c.

GLOBE AMARANTH, ORANGE. This a very unusual color in Globe Amaranths. The clover-like blossoms resemble a ripe strawberry in both color and markings. Pkt. 10c, ¼ oz. 25c.

HELICHRYSUM (Straw Flower). In separate colors: Salmon-Pink, Golden Ball, Rose Queen, Fireball, Violet Queen, Silver Ball, and Mixed. Pkt. 10c, ¼ oz. 35c.

RHODANTHE. Mixed colors. 1 ft. Pkt. 10c, ¼ oz. 35c.

XERANTHEMUM. Mixed. 2 to 3 ft. Pkt. 15c, ¼ oz. 50c.

FOUR O'CLOCK (Marvel of Peru)

An annual bearing hundreds of white, yellow, crimson, and violet flowers during the season. Used as a hedge plant, with its glossy foliage very closely set and dotted all over in the afternoon with flowers. 2 ft. Fine Mixed. Pkt. 10c, oz. 50c.

GALEGA officinalis. H.P. A hardy plant producing a number of blue, miniature, pea-like flowers in sprays throughout the Summer. Pkt. 10c.

officinalis alba. White flowers. Pkt. 10c, ¼ oz. 35c.

GAURA lindheimeri. H.P. Graceful spikes of rosy-white flowers. 3 ft. Pkt. 15c, ¼ oz. 50c.

GERANIUM. G.P. Well-known plants for garden or pot culture.

zonale. Finest Mixed. Pkt. 15c.

GERBERA Jamesoni hybrida (The Transvaal Daisy). H.H.P. Fine for cut flowers. Pkt. 25c.



Gerbera, Transvaal Daisy

GAILLARDIA (Blanket Flower)

Annual Varieties

Very showy annuals of easy culture. The flowers are borne freely and are brilliant in tone. Excellent for borders and do best if sown in May. Flower in great profusion from July to November.

Amblyodon. Blood-red. 2 feet. Pkt. 10c, ¼ oz. 50c.

Aurea. Rich yellow. 2 feet. Pkt. 10c, ¼ oz. 50c.

Picta Lorenziana. A mixture of various colors. The flowers are double and excellent in form. Pkt. 10c, ¼ oz. 50c.

Picta, Indian Chief. A new variety. Fine bronzy red. Pkt. 15c, ¼ oz. 75c.

The Bride. This is a pure white selection from the Lorenziana type; very double and, like the variety mentioned above, is excellent for cutting. Pkt. 15c, ⅛ oz. 50c, ¼ oz. 75c.



Gaillardia

GAILLARDIA—Continued**Perennial Varieties**

The perennial varieties of this family are grown in most hardy borders. They thrive in any position or soil, require little or no protection, and take care of themselves. If sown early, they begin flowering in July, and continue to be a mass of bloom until cut down by frost; fine for cutting. Height 2 feet.

Kermesina Splendens. Center rich crimson, narrow canary-yellow border. Pkt. 15c, $\frac{1}{4}$ oz. \$1.50.

Grandiflora Compacta. A compact variety forming bushy plants 12 to 15 inches high, and bearing its long-stemmed flowers well above the foliage. In coloring the flowers are as brilliant and varied as the tall-growing sorts. Pkt. 15c, 2 pkts. 25c, $\frac{1}{4}$ oz. \$1.00.

Grandiflora, Copper-Red. A striking new color in this popular perennial. Pkt. 15c, 2 pkts. 25c, $\frac{1}{4}$ oz. \$1.00.

GEUM

A beautiful double flower prized for its brilliance and earliness. Equally in demand as a border edging, rock-garden and cutting plant. Blooms from June to September the first year from seed sown outdoors in early spring. 2 ft.

Lady Stratheden. Double rich yellow flowers blooming from June to September. Pkt. 25c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.25.

Mrs. Bradshaw. Dark orange-scarlet flowers like a double violet, above a rosette of leaves. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.

Orange Queen. Between Lady Stratheden and Mrs. Bradshaw, beautiful intense orange. Pkt. 50c, $\frac{1}{4}$ oz. \$2.00.

GILIA capitata. H.A. A very graceful annual with lavender-blue flowers. Pkt. 15c, $\frac{1}{4}$ oz. 35c.

GLOXINIA. G.P. Charming pot plants, flowering in Summer in greenhouse or window.

Cook's Giant. Erect, giant-flowering mixed. Saved from the very choicest erect flowering sorts. A grand variety of colors. Pkt. 50c.

GODETIA. H.A. Bushy annual, with showy large flowers. They grow quickly, bloom abundantly and are excellent for beds and borders. The double varieties are splendid for cutting. 18 in.

Brilliant. Glowing carmine. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Double Rose. A delicate rose-pink. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Duchess of Albany. Satiny-white. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

GOURDS

H.A.C. Thrifty annual climbers, bearing "Ornamental Gourds." 10 ft.

Apple-shaped. Small fruit, striped yellow and dark green. Pkt. 10c, oz. 40c.

Bottle-shaped. Fruit yellowish-white and dark green. Pkt. 10c, oz. 40c.

Calabash, or African Pipe Gourd. Pkt. 10c, oz. 40c.

Dipper-shaped. Pkt. 10c, oz. 40c.

Dishcloth (Chinese Loofa, or Sponge Gourd). Large, elongate fruit; spongy inside. Flowers deep golden yellow. Pkt. 10c, oz. 40c.

Egg. Fruit white, resembles eggs. Pkt. 10c, oz. 40c.

Hercules' Club. Enormous fruit, often 4 ft. long, thicker at the base. Pkt. 10c, oz. 50c.

Mock Orange, or Orange-shaped. Pkt. 10c, oz. 50c.

Pear-shaped. Very pretty striped fruit. Pkt. 10c.

Sugar Trough. Pkt. 10c, oz. 50c.

Mixed Ornamental Varieties. Pkt. 10c, oz. 40c.



Geum

GRASSES, ORNAMENTAL

A most valuable class of plants for the lawn, shrub bed, border or tropical bed. The perennial varieties, many of which have variegated foliage, are excellent. The annual sorts are particularly pretty on account of the graceful, feathery flower panicles.

Agrostis nebulosa. H.A. Very graceful. Pkt. 10c.

Briza maxima (Quaking Grass). H.A. Pkt. 10c.

Coix lachryma (Jobs-tears). H.A. Foliage quite broad. Seeds prominent, very large and shiny. 3 ft. Pkt. 10c.

Erianthus ravennae. H.P. Silvery plumes, resembling Pampas Grass. 8 ft. Pkt. 10c.

Eulalia zebrina. H.P. White striped foliage, very ornamental. 4 ft. Pkt. 10c, ¼ oz. 35c.

Gynerium argenteum (Pampas Grass). H.P. Beautiful silvery plumes. 10 ft. Pkt. 10c, ¼ oz. 35c.

Hordeum jubatum (Squirrel-tail Grass). H.A. Pkt. 10c.

Pennisetum longistylum. H.A. Annual grass, graceful drooping heads. 2 ft. Pkt. 10c, ¼ oz. 35c.

Pennisetum ruppelianum. H.P. Hardy perennial grass, growing 3 ft. high with violet-tinted silvery plumes. The deep green foliage is long and slender. Pkt. 10c, ¼ oz. 35c.

GREVILLEA robusta (Silk Oak). G.P. Graceful foliage plant. 4 ft. Pkt. 15c, ¼ oz. 50c.

GYPSOPHILA

Feathery panicles of tiny star-shaped flowers, gracefully and daintily borne on slender stems. A charming effect may be had by mixing sprays of Baby's Breath with other long-stemmed cut-flowers.

Elegans alba grandiflora. (Covent Garden Market Strain.) This is an annual, large-flowering, pure white form, of free, easy growth. Several sowings should be made during the season to keep up a supply. Pkt. 10c, oz. 50c, ¼ lb. \$1.50.

rosea. A pretty blush-pink form of the above and equally as valuable for cutting. Pkt. 10c, oz. 50c, ¼ lb. \$1.50.

Paniculata (Baby's Breath). One of the favorite hardy perennials. White flowers; fine for bouquets. Blooms first year if sown early. 2 ft. Pkt. 10c, ¼ oz. 35c, oz. \$1.00.

Double, Snow-White. The double-flowering Baby's Breath coming 35 to 40 per cent double. A fine hardy plant for cutting. 2 to 3 ft. 25c, ⅓ oz. \$1.00.

HELENIUM. H.P. Striking hardy plants.

Riverton Gem. Yellow, changing to red. Pkt. 25c.

HELIANTHUS (Sunflower)

Cucumerifolius. *Orion*. Golden yellow flowers with dark centers. The petals are twisted like a cactus dahlia. Pkt. 10c, ¼ oz. 50c.

Double Chrysanthemum-Flowered. Rich golden yellow flowers, very double, resembling a chrysanthemum. 7 ft. Pkt. 10c, ¼ oz. 50c.

HELIOTROPE. G.P. Well-known fragrant flowering plants for pots or gardens.

Blue Perfection. Dark blue. Pk. 25c.

Anna Tureil. Light blue. Pkt. 15c.

White Lady. A popular white variety. Pkt. 10c, ¼ oz. \$1.00.

Finest Mixed. Pkt. 10c, ¼ oz. 75c.

Lemoine's Giant Hybrids, Mixed. Pkt. 15c, ¼ oz. \$1.50.

HEUCHERA sanguinea splendens. H.P. Long spikes of fiery-red flowers. 18 in. Pkt. 15c.

sanguinea hybrida. H.P. Fine for borders. Pkt. 15c.

HIBISCUS (Mallow)

Strong, bushy plants with large flowers like single Hollyhocks late in summer. Do best in a moist situation and will last for years when once established.

Giant Marvels, Mixed. Flowers of enormous size in splendid mixture of crimson, pink, and white. 4 ft. Pkt. 10c.



Superb Double Hollyhocks

HOLLYHOCK

A hardy perennial of upright, stately growth, 5 to 8 feet high. The very double varieties are the most desirable, but the newer, semi-double, fringed types are also very popular. Hollyhocks make a fine row in a garden, or background next to a building or high wall. From seed sown in early spring, they may produce a few flowers in late summer, but are best the second year.

Double Exquisite. Flowers very double, each petal exquisitely curled and fringed, with a broad margin of white, the centers being shades of rose, carmine, purple, and violet. In form they suggest the beautiful double fringed petunias while in color they resemble the pelargoniums. Lovers of Hollyhocks will welcome this magnificent new type. Pkt. 25c, ⅓ oz. \$1.50, ¼ oz. \$2.50.

Superb Double Hollyhocks. Tall spikes, closely set with wonderfully showy, double flowers. Many will flower the first season from seed sown the previous fall. They reseed themselves; a bed will last for years. 7 ft. *Salmon-Rose*, *Scarlet*, *Pure White*, *Maroon*, *Light*, *Yellow*, *Newport Pink*, *Mixed*. Each, pkt. 15c, ¼ oz. 75c.

Fringed Single Hybrids. An improved rust-proof strain, giving flowers in a large variety of colors. Pkt. 15c, ¼ oz. 50c.



Kochia trichophylla

HONESTY (Moonwort)

Hardy biennial, admired for its silvery seed-pouches, used for house ornaments; beautiful curious flowers. Sow seed in open in May and protect over winter. 2 ft. Purple, and White. Each, pkt. 10c, $\frac{1}{4}$ oz. 50c.

HUMULUS (Japanese Hop)

This rapid annual climber for covering verandas, etc., is luxuriant, making a dense covering. Heat, drought, and insects do not trouble it.

Variegated. Foliage variegated white on deep green.

If sown late in May, will reach, in six weeks, a height of 15 ft. Pkt. 10c, $\frac{1}{4}$ oz. 40c.

HUNNEMANNIA (Giant Yellow Tulip Poppy)

Fumariaefolia. This forms a shrubby bush with finely cut foliage like the California Poppy, and produces large, tulip-shaped yellow flowers on long, stiff stems, from August to November. The flowers will keep in water for several days. Start seed in frames in March, transplant in May. The only Poppy that can be transplanted. 2 ft. Pkt. 10c, $\frac{1}{4}$ oz. 40c.

ICE PLANT (Mesembryanthemum)

Crystallinum. Pretty trailing summer half-hardy annual for vases, hanging-baskets, and rock-work. Leaves covered with ice-like drops; flowers white. 6 in. Pkt. 15c, $\frac{1}{4}$ oz. 60c.

IMPATIENS (Sultan's or Zanzibar Balsam). G.P. Charming plants for decoration of the greenhouse or table, producing waxy looking flowers profusely and continuously. 2 ft.

sultani. Flowers of brilliant rosy-scarlet color. Pkt. 25c.

holsti Hybrids. Form strong, bushy plants covered with attractive flowers. As pot plants they bloom the year round. Pkt. 25c.

INCARVILLEA Delavayi. H.P. The flowers are borne on long, stout stems, tube-shaped. Color bright rose. 2 ft. Pkt. 25c, $\frac{1}{8}$ oz. 75c.

IONOPSIDIUM acaule. H.H.P. Pale mauve flowers adapted for rockeries and carpet bedding; very dwarf habit. 4 in. Pkt. 15c.

IPOMOEA (Morning-glory)

(See also CONVULVULUS.) H.A.C. Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable. 20 ft.

cardinalis (Cardinal Climber). A rapid growing annual, with deep cardinal red flowers and lacinated foliage. Pkt. 10c, $\frac{1}{4}$ oz. 75c.

grandiflora alba (Moonflower). Large, heart-shaped leaves and large, pure white flowers, which open only late in the evening. Pkt. 10c.

rubro-caerulea (Heavenly Blue). Beautiful sky-blue flowers. Pkt. 10c, $\frac{1}{4}$ oz. 75c.

setosa (Brazilian Morning-glory). Large, ornamental foliage, with bright rose flowers. Pkt. 10c.

Imperial Japanese, Mixed. A great improvement over the old-fashioned sorts. Pkt. 10c, oz. 75c.

KOCHIA

Trichophylla (Summer Cypress). A pretty half-hardy annual, 2 to 3 feet in height, which grows into a perfect pyramidal-shaped cypress-like bush, with small, feathery, light green foliage, deepening as the season advances until it becomes a lovely crimson hue about September. Excellent for edging or hedging. Pkt. 10c, $\frac{1}{4}$ oz. 25c.

KUDZU VINE (Pueraria Thunbergiana). H.P. A splendid climber for covering permanent verandas, dead trees, etc. Large green foliage and pea-shaped blossoms. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

LAVENDER (Lavandula vera)

True Lavender. A sweet-scented hardy perennial. Long spikes of blue flowers. 3 ft. Pkt. 10c, $\frac{1}{4}$ oz. 60c.

LANTANA. G.P. One of the most desirable greenhouse or bedding plants; constantly in bloom. 2 ft. Newest hybrids, mixed. Pkt. 15c.

LARKSPUR (Annual Delphinium)

Tall, showy plants, blooming freely during the summer months. The flowers are very bright, mainly in shades of blue, rose, violet, and white. Seeds sown in the open ground before the close of April will flower by July, and continue until frost. Thin out early to stand a foot or more apart.

Tall Double Stock-Flowered

Candelabra-like trusses of beautiful flowers for cutting and tall borders. Vigorous, early and free-blooming. Ht. 3 ft. **Dark Blue, Sky-Blue, Shell-Pink,**

Pure White, Rosy Scarlet, and Mixed. Each, $\frac{1}{4}$ oz. 15c, oz. 40c, $\frac{1}{4}$ lb. \$1.15, lb. \$3.75.

La France. Because of its color, La France bids fair to become the most popular of the Stock-flowered Larkspurs. Its salmon-pink is a new shade. Pkt. 30c, $\frac{1}{4}$ oz. \$1.00.

Los Angeles. A remarkable Stock-flowered Annual Larkspur with large, double flowers having a rich salmon ground overlaid with brilliant rose. The result is darker and richer than La France, which it closely resembles in type of growth, except that the foliage of Los Angeles is a much darker green. Pkt. 30c, $\frac{1}{4}$ oz. \$1.00.

Miss California. This splendid Stock-flowered variety is a rich deep pink on a salmon ground. The flowers are extremely double and the stems may be cut 2 feet long. Plant is upright, with numerous lateral branches close to the center. Pkt. 30c, $\frac{1}{4}$ oz. \$1.00.

Giant Imperial

A splendid new class of upright habit, with very long stems and compact, double flower-spikes. These are ideal for cut-flowers as the flower-stems, 3 to 4 feet long, branch from the base of the plant.

Blue Spire. Deep Oxford. Pkt. 20c, $\frac{1}{4}$ oz. 75c.

Lilac Spire. Soft lilac. Pkt. 20c, $\frac{1}{4}$ oz. 75c.

Pink Spire. Salmon-pink. Pkt. 20c, $\frac{1}{4}$ oz. 75c.

Rose Spire. Rose-pink. Pkt. 20c, $\frac{1}{4}$ oz. 75c.

White Spire. Sheer white. Pkt. 20c, $\frac{1}{4}$ oz. 75c.

Mixed Spire. The five colors. Pkt. 20c, $\frac{1}{4}$ oz. 75c.

Improved Exquisite Pink. This is of upright habit, similar to the Perennial Delphinium, and the plants show a much greater freedom of bloom than the older sorts. The spikes stand upright, close to the center stalk, furnishing cut-flowers of finest quality. Its beautiful soft pink shaded salmon, makes this an outstanding variety. Pkt. 25c, $\frac{1}{4}$ oz. \$1.00.

Emperor Branching

This type grows about 2 feet high and is of candelabra habit. When planted in borders of the flower-garden the plants will prove most effective. **Pink,**

Rose, White, Blue, Violet-Purple, Mixed. Each, pkt. 10c, $\frac{1}{4}$ oz. 30c.



Leptosyne Maritima

LATHYRUS latifolius, Perennial Sweet Pea. H.P.

Hardy climbers. Fine for cutting. 6 ft.

latifolius. Purplish-red. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

albus. Pure white. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

White Pearl. A large flowering, robust growing variety of the above. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00.

Pink Beauty. Rosy pink. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

Finest Mixed. All colors. Pkt. 15c, $\frac{1}{4}$ oz. 30c.

LAVATERA splendens rosea (Pink Mallow). H.A.

Bushy plants, produce large, open, pink, mallow-like flowers in great profusion. Pkt. 15c.

splendens alba. Large, glossy white flowers. Pkt. 15c.

Finest Mixed Colors. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

LEPTOSYNE maritima. H.A. Large lemon-yellow

Marguerite-like flowers on tall stalks. Pkt. 15c.

LINARIA. H.A. Very showy annual resembling Snapdragon. Used extensively as a winter cut flower in greenhouses. 1 ft. Mixed. Pkt. 25c.

LINUM (Blue Flax)

Perenne Blue. Effective and showy hardy perennial bedding plants of long duration, having myriads of brilliant sky-blue flowers on 18-inch stems throughout summer. Pkt. 10c, $\frac{1}{4}$ oz. 35c.

LOBELIA

Annual Varieties

These bloom very quickly from seed and flower all through the season. Sow outdoors in early spring, and thin moderately; or transplant several inches apart in rich, open soil.

Crystal Palace Compacta. Deep blue. 6 in. Pkt. 10c, $\frac{1}{8}$ oz. \$1.25.

Gracilis Blue. Light blue, trailing. Pkt. 15c, $\frac{1}{4}$ oz. \$1.50.

Emperor. Light blue. Pkt. 10c, $\frac{1}{8}$ oz. \$1.00.

Einus Speciosa. Bright blue flowers. Pkt. 15c, $\frac{1}{8}$ oz. 50c.

Gracilis. Blue flowers, trailing. Pkt. 15c, $\frac{1}{8}$ oz. 50c.

Perennial Varieties

Cardinalis (Cardinal Flower). A native variety, with spikes of scarlet flowers; fine border plant. 3 ft. Pkt. 25c, $\frac{1}{8}$ oz. \$3.50.

LUPINUS (Lupine)

Free-flowering, easily grown, with long, graceful spikes of rich and various-colored pea-shaped flowers. Valuable for cutting.

Hartwegi. Annual. Sow in the open in May and thin out, leaving about 1 foot between the plants. Bloom from June until September. Do not transplant. 2 ft. **Blue, White, Rose, or Mixed.** Each, pkt. 10c, $\frac{1}{2}$ oz. 25c.

Polyphyllus. Perennial. Succeed in any garden soil; bloom May and June. Do not transplant. 3 ft. **Blue, White, Rose, or Mixed.** Each, pkt. 15c, $\frac{1}{4}$ oz. 35c, $\frac{1}{4}$ lb. 75c, lb. \$2.40.

LYCHNIS

Handsome hardy perennials for massing in beds, blooming the first year, if sown early. Easy to grow, thriving in poor soil.

Chalcedonica, Scarlet. Erect plants, with clusters of flowers at the top. 2 ft. Pkt. 15c, $\frac{1}{4}$ oz. 40c.

Haageana Hybrids. Orange, scarlet, crimson. The flowers measure over 2 inches across. 1 ft. Pkt. 15c, $\frac{1}{4}$ oz. \$1.25.



Annual Lupins



Marigold, Guinea Gold

MARIGOLD

The French have small velvety flowers in yellow, brown, maroon, and striped effects; the African sorts are the enormous-flowered ones. They bloom profusely all summer. Start the seed indoors early or outside when the weather is warm.

Double African

Orange Prince (orange) or **Lemon Queen** (yellow). Each, pkt. 20c, $\frac{1}{4}$ oz. \$1.00.

All-Double African

Prize Strain, All-Double. This excellent strain was given an Award of Merit by the Royal Horticultural Society. It produces bushy plants 2½ feet high, with enormous flowers, measuring 4 to 5 inches across, of great substance. This highly developed new strain produces practically 100 per cent all-double blooms as compared with former strains which produce only about 75 per cent doubles. **Giant Strain Orange** and **Prize Strain Lemon.** Each, pkt. 25c, $\frac{1}{4}$ oz. \$1.00.

Dwarf French

Double Gold-Striped. Flowers beautifully striped and well formed. 10 in. Pkt. 15c, $\frac{1}{4}$ oz. 75c.

Double Golden Ball. Pure golden yellow. All the flowers are very full. 10 in. Pkt. 15c, $\frac{1}{4}$ oz. 75c.

Double Dark Brown. Very double flowers of beautiful reddish brown. 10 in. Pkt. 15c, $\frac{1}{4}$ oz. 75c.

Legion of Honor (Little Brownie). Single yellow flowers blotched with brown. Adapted for edging. 9 in. Pkt. 10c, oz. 75c.

Guinea Gold Marigold

A distinct new type, excellent for both cut-flower and plant sale. Its very brilliant orange, flushed gold, double flowers have ruffled, loosely placed petals. The characteristic Marigold odor is much less noticeable in this variety. The very graceful, pyramidal plants bloom very freely and are much more attractive than African or French Marigolds. Pkt. 20c, $\frac{1}{8}$ oz. 50c.

MALOPE grandiflora. H.A. Very showy border annual; large flowers. 2 ft. Pkt. 10c.

MATHIOLA bicornis (Evening Scented Stock). H. H.A. Very sweet-scented lilac flowers. Pkt. 10c.

MATRICARIA (Feverfew). H.H.P. Low growing plants; for beds and edgings. 12 in.

capensis plena. Dwarf double white. Pkt. 10c, ¼ oz. 50c.

Golden Ball. Very striking double golden-yellow flowers. Pkt. 25c, ⅛ oz. \$1.00.

Silver Ball. Dainty double white, spherical flowers. Pkt. 25c, ⅛ oz. \$1.00.

MAURANDIA, Mixed Colors. H.H.P. Pkt. 15c.

MIGNONETTE (Reseda)

A favorite annual in every garden. Sow in April in the borders or any sunny spot where plants are to remain; also grown in pots for winter and early spring flowering. Mignonette prefers a medium light, loamy soil, with only moderate moisture.

Defiance. Delightfully fragrant, with spikes from 12 to 15 inches long. Can be kept three weeks after cutting, retaining their grace and fragrance. Pkt. 10c, ¼ oz. 40c.

Bismarck. An extra-select, mammoth-flowering strain of the Machet. Florets reddish green. Pkt. 20c, ¼ oz. 60c.

Machet, Giant-Flowered Selected. A dwarf, vigorous variety, with long spikes of very fragrant flowers. Pkt. 10c, ¼ oz. 50c.

New York Market. The finest of all the fancy varieties of Mignonette for winter forcing. Pkt. 25c, ⅛ oz. \$1.00.

MOMORDICA

Curious climbing annual vine with ornamental foliage and golden warted fruit which opens, showing its brilliant carmine interior. 10 ft.

Balsamina (Balsam Apple). Round apple-shaped fruit; very fine glossy green foliage. Pkt. 10c, oz. 75c.

MIMOSA pudica (Sensitive Plant). H.H.A. An interesting plant with rosy-lilac flowers. The leaves close when touched. 12 in. Pkt. 10c, ¼ oz. 50c.

MINA lobata. H.A.C. Rapid climber, crimson and orange flowers. 10 ft. Pkt. 25c.

MIMULUS. Showy, half-hardy annuals, with handsome flowers; excellent for pots.

tigrinus, Spotted, Mixed. Pkt. 10c.

moschatus (Muskplant). Fragrant; for pots. Pkt. 10c.

MYOSOTIS (Forget-me-Not)

Few spring flowers are more admired than the lovely Forget-me-not, which is especially effective for mass planting. It is perennial and hardy if given slight protection through the winter. Seed may be sown from spring until midsummer. The *Alpestris* varieties and *Dissitiflora* come into bloom in April, with the spring-flowering bulbs; the *Palustris* sorts bloom in May, and continue till fall.

Alpestris, Royal Blue. Rich indigo-blue flowers. The finest and most effective dark blue variety; grows about 9 inches high. Pkt. 10c, ¼ oz. 75c.

Alpestris Robusta Grandiflora. A strong, sturdy grower attaining a height of about 10 inches with good heads of clear Forget-me-not-blue flowers. Pkt. 10c, ¼ oz. 75c.

Alpestris, Victoria, Blue. A favorite variety with fine heads of clear azure-blue flowers; plants bushy and compact. Makes a fine edging for beds. Pkt. 15c, ¼ oz. \$1.00.

Alpestris, Pink. Pink type of Forget-me-not that is of value both for hardy border and pots. Pkt. 15c, ¼ oz. 75c.

Alpestris, White. White form of above. Pkt. 15c, ¼ oz. 75c.

Alpestris, Mixed. A select mixture of the above. Pkt. 10c, ¼ oz. 50c.

Dissitiflora. Of dwarf, compact habit with sprays of large, exquisite blue flowers, especially adapted for beds of late-flowering tulips, etc. Pkt. 15c, ¼ oz. \$2.00.

Palustris Semperflorens (Everblooming Forget-me-not). Large, clear blue flowers in pretty sprays. Pkt. 15c, ¼ oz. \$1.00.

Ruth Fischer. One of the finest and largest-flowered Forget-me-nots yet sent out, producing flowers up to ½ inch in diameter, of true Forget-me-not blue. Plants of strong, vigorous growth of exceptional value for pot culture and spring bedding. Pkt. 25c, 5 pkts. \$1.00, ⅛ oz. \$2.50, ¼ oz. \$7.50.



Myosotis alpestris, Victoria

NASTURTIUMS

Double Sweet-Scented Golden Gleam. This lovely golden yellow, sweet-scented, double Nasturtium comes true from seed. The plant forms a large, vigorous bush which throws out short runners averaging 18 inches. The large golden yellow flowers, 2½ to 3 inches across, are borne on erect, stiff stems 6 inches long. Pkt. 15c, oz. 65c.

Scarlet Gleam. See page 2.

Tom Thumb or Dwarf Varieties

These have a compact habit and attractive foliage; bloom in two months from sowing, and most profusely the whole season. 12 in.

Aurora. Yellow-veined. Pkt. 10c, oz. 25c.

Beauty. Yellow and scarlet. Pkt. 10c, oz. 25c.

Cloth of Gold. Scarlet, yellow foliage. Pkt. 10c, oz. 25c.

Empress of India. Crimson, dark foliage. Pkt. 10c.

King Theodore. Garnet, dark foliage. Pkt. 10c, oz. 25c.

King of Tom Thumbs. Scarlet. Pkt. 10c, oz. 25c.

luteum. Bright yellow; no blotches. Pkt. 10c, oz. 25c.

Pearl, Creamy white. Pkt. 10c, oz. 25c.

Rose Color. Pkt. 10c, oz. 25c.

Mixture. These contain all the leading named sorts, mixed. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$2.00.

Tall or Climbing Varieties

Adapted for rockwork, banks, covering trellises or rustic work; the seeds, if picked young, are an excellent substitute for capers. 6 ft.

Chameleon. Various colors on one plant. Pkt. 10c, oz. 25c.

Dark Crimson. Pkt. 10c, oz. 25c.

King Theodore. Crimson; dark foliage. Pkt. 10c, oz. 25c.

Pearl. Creamy white. Pkt. 10c, oz. 25c.

Rose Von Moltke. Pkt. 10c, oz. 25c.

Scarlet. Pkt. 10c, oz. 25c.

Yellow. Pkt. 10c, oz. 25c.

Vesuvius. Salmon-rose. Pkt. 10c, oz. 25c.

Mixture. From the best varieties. Pkt. 10c, ¼ lb. 50c.

Lobb's Varieties

H.A.C. Very free blooming. The most brilliant colors, climbing about 6 ft.

Mixed. Pkt. 10c, oz. 30c.

NEMESIA. H.A. Splendid for bedding or forcing in greenhouse.

strumosa grandiflora Suttoni. Mixed colors. Bushy plants; flowers of unique form. 12 in. Pkt. 15c.

compacta Blue Gem. Large flowers of a pretty Forget-me-not blue; a fine pot plant. Pkt. 15c.

compacta Triumph. New dwarf, compact. 6 in. Finest mixture. Pkt. 15c.

NEMOPHILA. H.A. Splendid, free-flowering annual, with cup-shaped flowers of many bright colors. 12 in. Mixed. Pkt. 10c, ¼ oz. 50c.

NICOTIANA (Flowering Tobacco)

Beautiful border plants easy to grow from seed. They do best on deep, loamy soil in a sheltered situation. Start seed indoors in March. 3 ft.

Affinis Hybrids. Brilliant colors, including pink and red shades in addition to pure white. In flower from June until cut down by frost. Clusters of trumpet-shaped, sweet-scented flowers on tall stems above the luxuriant foliage. Pkt. 15c, ¼ oz. 40c.

Sanderae, Crimson King. Dark crimson red. Pkt. 15c, ¼ oz. 50c.

Sanderae Hybrids. All colors. 4 ft. Pkt. 10c, ¼ oz. 50c.

NIEREMBERGIA frutescens. H.H.P. For hanging baskets or borders; large, cup-shaped lilac flowers. Pkt. 10c, ¼ oz. 50c.

Dwarf California Giant (Ramona Strain) Petunia

NIGELLA (Love-in-a-Mist)

This is an easily grown annual, giving continuous bloom all summer. 15 in. The seeds are aromatic.

Miss Jekyll. Bushy plants, with clear cornflower-blue flowers of large size, surrounded by slender, mist-like foliage. The attractive flowers are fine for cutting. Pkt. 10c, ¼ oz. 50c.



Nigella, Miss Jekyll

OENOTHERA (Evening Primrose). H.A. Useful for exposed sunny position, blooming the entire Summer.

Afterglow. Yellow with brilliant red calyx. Pkt. 25c.

Fraseri. H.P. Produces an abundance of yellow flowers. 12 in. Pkt. 25c, ⅛ oz. \$2.00.

PETUNIA

H.A. One of our easiest cultivated and freest flowering annuals. Will succeed almost anywhere and give a continuity of the most brilliant bloom from June till killed by frost. 18 in.

Fringed Petunias

Dwarf California Giants, Mixed. (Ramona Strain.) This strain for pot-culture produces very dwarf, compact plants, only 4 inches high, with huge fringed single beautifully veined, self-colored Petunias. Pkt. 50c.

Theodosia. A very large, heavily fringed, single with deep rose-pink, veined flowers, and golden yellow, open throat. Pkt. 25c.

Ruffled, Single, Mixed. Of half-dwarf, erect and robust habit. Flowers are very large and ruffled, with open, shallow throats, in most desirable red and dark shades, richly veined. Pkt. 25c.

Double Fringed Giant, Mixed. Finest extra-select strain. Pkt. 50c.



Petunia

Cook's Double Giant, Fringed, Finest Mixed Hybrids

An exceptionally fine strain, remarkable for the large, beautiful, colored double flowers. Pkt. 50c.

Balcony Petunias

Free-blooming, trailing in growth, with single flowers 3 inches across. Suited for hanging-baskets. **White, Rose, Crimson, or Mixed.** Each, pkt. 25c. **Blue. Violet.** Pkt. 25c.

Single Bedding Varieties

Rose of Heaven. Rose-pink. 8 in. Pkt. 25c.

Rosy Morn Improved. Rosy pink, white throat. Pkt. 15c.

Howard's Star, Improved. Purple, white star. Pkt. 15c.

Viclacea. A steel-blue or deep violet. 8 in. Pkt. 25c.

PINK GLORY. Outstanding; rose-pink. Pkt. 25c.

Elk's Pride. The largest, dark purple. Pkt. 25c.

PANSY

H.H.P. The most popular flower grown. They thrive best in a cool, moist, but well-drained soil. Sow the seeds in April and May for Summer flowering and August for early flowers the following Spring. Our mixtures contain a large variety of colors.

Cook's Special Mixture. Saved from only the largest and best shaped flowers of the richest colors. Pkt. \$1.00.

Cook's Greenhouse Mixture. A selection of varieties adapted for growing under glass. Pkt. 50c.

Masterpiece. A beautiful strain of blotched and curled varieties. Pkt. 25c, 1/8 oz. 75c.

Giant Trimardeau, Mixed. Large flowers in a good variety of colors. Pkt. 10c, 1/4 oz. \$1.00.

Giant Pansies, In Varieties

Giant Adonis. A beautiful light blue. Pkt. 15c.

Giant Cardinal. A very brilliant red. Pkt. 15c, 1/8 oz. 75c.

Giant Emperor. Ultramarine blue. Pkt. 15c, 1/8 oz. 75c.

Giant Fire King. Crimson-purple and golden yellow. Pkt. 15c, 1/8 oz. 75c.

Giant Golden Queen. Beautiful pure yellow. Pkt. 15c.

Giant Golden Yellow, with dark eye. Pkt. 15c, 1/8 oz. 75c.

Giant King of the Blacks. Pkt. 15c, 1/8 oz. 75c.

Giant Lord Beaconsfield. Violet. Pkt. 15c.

Giant Orange King. Vivid orange. Pkt. 15c, 1/8 oz. \$1.00.

Giant Prince Bismarck. Light brown shade with black eye. Pkt. 15c, 1/8 oz. 75c.

Giant Snow Queen. Pure white. Pkt. 15c, 1/8 oz. 75c.

Giant Striped. Variety of markings. Pkt. 15c, 1/8 oz. 75c.

Giant Victoria. Wine-red shades. Pkt. 15c, 1/8 oz. 75c.

Giant White. With black eye. Pkt. 15c, 1/8 oz. 75c.

PASSIFLORA caerulea (Passionflower). H.H.C. Fast growing and free flowering, ornamental perennial climbers, with large, showy blue flowers, suitable for conservatory or outside in Summer. Pkt. 15c.

PENTSTEMON. H.P. Highly useful and attractive hardy perennials, and much used in the hardy border. 2 ft.

gentianoides, Fine Mixed Colors. Pkt. 15c, $\frac{1}{8}$ oz. 75c.

gloxinioides "Sensation." A grand variety of colors. Will bloom from seed in June if sown early in March. Pkt. 15c, $\frac{1}{8}$ oz. \$1.50.

Excelsior. Pkt. 25c.

PERILLA Nankinensis. H.A. Ornamental-leaved plants. 18 in. Pkt. 10c, $\frac{1}{4}$ oz. 25c.

PHACELIA campanularia. H.A. Showy, with bright blue, bell-shaped flowers. Pkt. 15c.

PHLOX

Drummondii

Large-Flowering Half-Dwarf. Dazzling in effect, more so when borders or masses are sown with contrasting harmonizing colors. Grows 15 inches high. Purple, Scarlet, Rose, White, Chamois-Rose, Yellow, or Mixed. Each, pkt. 10c, $\frac{1}{4}$ oz. 75c.

Large-Flowering Very Dwarf. Resembles the above in large size of blooms but the plants are dwarfer, growing only 6 inches high. Rose, Scarlet, White, or Mixed. Each, pkt. 10c, $\frac{1}{4}$ oz. \$1.25.

Phlox Decussata

Dwarf Large-Flowering Mixed. Splendid hardy border flowers from July to September. The seed germinates very slowly. 1½ ft. Pkt. 15c, $\frac{1}{4}$ oz. \$3.00.

Tall Large-Flowering Mixed. 3 feet. Pkt. 10c, $\frac{1}{4}$ oz. 55c.

POPPY (Papaver)

Single Annual Varieties

For flaming brilliancy, Poppies have no rivals among the annual flowers. They make colorful flower-beds.

Shirley Improved, Mixed. In rose, apricot, pink, crimson, red with white margin, etc. 2 ft. Pkt. 15c, $\frac{1}{4}$ oz. 7c.

POPPY (Continued)

American Legion. Brilliant orange-scarlet, yellow anthers. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

American Flag. White, edged red. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Double Annual Varieties

The flowers are firm-petaled and of sufficient substance to last well on the plants and after cutting

Carnation-Flowered, Mixed. Big round double flowers, with fringed petals in many shades. These are very striking. Pkt. 10c, $\frac{1}{4}$ oz. 35c.

Peony-Flowered, Mixed. Large, showy, globular flowers, resembling a double peony in many delightful colors. 2 ft. Pkt. 10c, $\frac{1}{4}$ oz. 30c.

Hardy Perennial Poppies

This class produces useful flowers, increasing in size and beauty each succeeding season.

Orientele. Large orange-scarlet blooms, each petal being blotched with black. Sow seed in the open ground where plants are to remain, early in spring. Pkt. 15c, $\frac{1}{8}$ oz. 50c.

Orientele Hybrids. These include white, blood-red, salmon, scarlet. Pkt. 15c, $\frac{1}{8}$ oz. 50c.

bracteatum. Orange-scarlet, hardy Poppy. Pkt. 10c.

Iceland Poppies. Hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. Pkt. 15c, $\frac{1}{4}$ oz. 60c.

nudicaule (Iceland Poppy). Dwarf, bright yellow. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

—*aurantiacum*. Orange. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

—*album*. Pure white. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

—**Mixed Iceland Poppies**. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

PORTULACA

This charming little hardy annual is unrivaled for brilliancy among plants of low growth. Nothing is prettier for beds, edgings, rockwork, etc. Hot sun and a light, sandy soil is best. The seed does not germinate until hot weather, and should be sown late. 6 in.

Large-Flowering Single, Mixed. For masses of color in beds and on rockeries. Pkt. 10c, $\frac{1}{4}$ oz. 40c.

Large-Flowering Double, Mixed. The doubleness of the flowers gives heavier color. Pkt. 10c, $\frac{1}{4}$ oz. \$1.25.

Single Rose. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Single Scarlet. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Single White. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Single Yellow. Pkt. 10c, $\frac{1}{4}$ oz. 50c.



Physostegia, Virginica

PHYSALIS francheti (Chinese Lantern). H.B. Balloon-like fruits. 3 ft. Pkt. 25c.

PHYSOSTEGIA (False-dragonhead). H.P. 3 ft.

virginica. One of the prettiest hardy perennials. It forms dense bushes bearing freely spikes of delicate pink tubular flowers. Pkt. 15c.

virginica alba. Pure white. Pkt. 25c, $\frac{1}{8}$ oz. \$1.00.

PLATYCODON. H.P. The large-flowering Chinese Bellflowers. 2 ft.

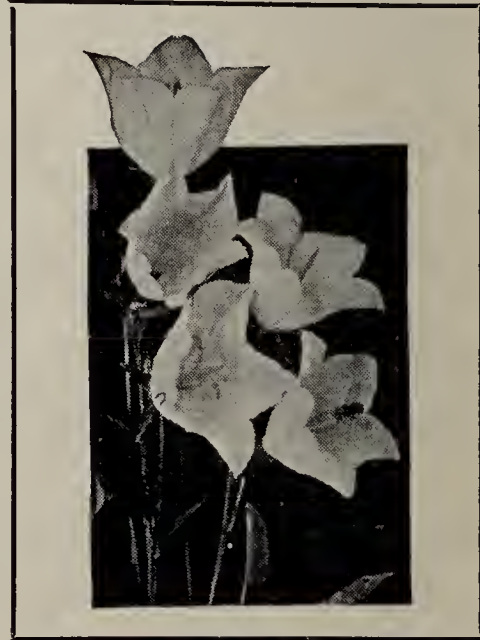
grandiflorum. Large, steel-blue flowers. Pkt. 15c.

album. Pure white variety. Pkt. 15c, $\frac{1}{8}$ oz. \$1.00.

mariesi. Dwarf, large-flowered blue. 12 in. Pkt. 15c.

POLEMONIUM coeruleum grandiflorum (Jacobsladder). H.P. Deeply cut foliage and clusters of handsome blue flowers. 2 ft. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

grandiflorum album. Pure white. Pkt. 15c, $\frac{1}{4}$ oz. 50c.



Bellflower, Platycodon



Double Hybrid Pyrethrums

POTEN TILLA. H.P. Splendid hardy perennials with ornamental foliage and brilliant flowers in shades of yellow and red from June to August. 2 ft.

Single Mixed. Shades of yellow and brown. Pkt. 15c.

Double Hybrids, Mixed. Pkt. 25c.

PRIMULA (Primrose)

Among the best of the early spring-blooming plants for pot-culture. Stand the winter, if protected by a coldframe.

Auricula. Maroon, purple, crimson, and yellow. 6 in. Pkt. 15c.

POLYANTHUS (*Primula elatior*). H.H.P. Desirable for greenhouse flowering or bedding out in the Spring. 9 in. Pkt. 25c.

Gold Laced. Saved from the largest flowers in a wide range of colors. Pkt. 50c.

Munstead Giants. A magnificent strain of Bunch Primroses. Pkt. 50c.

Polyanthus (*P. elatior*). Colors range from white to deep maroon, yellow, rose, and crimson. 9 in. Pkt. 25c.

Vulgaris (English Primrose). Fragrant, canary-yellow. 9 in. Pkt. 15c.

Primula sinensis fimbriata

(Chinese primrose.) G.P. A charming profuse flowering plant indispensable for Winter and Spring decoration.

Giant. Deep blue. Pkt. 75c.

—**Pure White.** Pkt. 75c.

—**Salmon.** Pkt. 75c.

—**Scarlet.** Pkt. 75c.

—**"Special" Mixed.** Pkt. 50c.

Primula obconica. Greenhouse Plants

obconica gigantea alba. White. Pkt. 50c.

—**lilacina.** Lilac. Pkt. 50c.

—**kermesina.** Crimson. Pkt. 50c.

—**rosea,** Rose. Pkt. 50c.

—**Finest Mixed.** Pkt. 50c.

Eureka. A new giant form of *obconica*. Rich rosy carmine, shaded cerise. Pkt. \$1.00.

malacoides. A charming free flowering pot plant; delicate lilac. Pkt. 50c.

—**alba.** Pure white. Pkt. 50c.

—**rosea.** Charming rose-pink. Pkt. 50c.

—**superba.** Larger flowers and much deeper in color than *malacoides*. Pkt. 50c.

—**robusta.** A clear rosy-lavender shade with yellow eye. Pkt. 50c.

—**Pink Beauty.** Large flowers of a beautiful rosy-pink, shading to mauve. Pkt. 50c.

Kewensis. Bright yellow, fragrant flowers. Pkt. 50c.

stellata (The Star Primula). Excellent pot plants for decoration purposes. Mixed. Pkt. 75c.

PYRETHRUM

No hardy border should be without these delightful subjects for the garden.

Select Single Hybrids. The cosmos-like flowers of this beautiful hardy perennial range from the palest pinks to deep red, the bright yellow centers forming a lovely contrast. They bloom during May and June and again in the fall. 2½ ft. Pkt. 25c, ¼ oz. \$1.50.

Select Double Hybrids. Like the above, except centers are tufted, like a double China Aster. 2½ ft. Pkt. 25c, ¼ oz. \$2.50.

ROMNEYA coulteri (The California Tree Poppy). H.H.P. Large, snowy white flowers. Requires protection in winter. 2 ft. Pkt. 25c.

RUDBECKIA bicolor superba. H.A. Yellow. Pkt. 15c.
Newmanni. H.P. Bright orange with black cone. 2 ft. Pkt. 15c, ¼ oz. \$1.00.

purpurea hybrida grandiflora. H.P. Beautiful large-flowered hybrids. 2 ft. Pkt. 15c, ¼ oz. \$1.00.



Rudbeckia Purpurea

RICINUS (Castor-Oil Bean)

A showy and imposing annual, giving a magnificent semi-tropical effect. As a specimen it makes a pyramid of gigantic leaves; planted thickly it forms a screen.

Cambogensis. Large leaves of a brilliant bronzy red-maroon. 5 ft. Pkt. 10c.

Zanzibarensis, Mixed. Very big leaves, light green to purplish red. 12 ft. Pkt. 10c.

SALPIGLOSSIS

Showy, funnel-shaped flowers, succeeding in any good soil in a sunny position. Bloom freely from mid-summer until frost. Sow outdoors in spring; thin to stand about 1 foot apart.

Emperor

Chamois. Pkt. 10c, $\frac{1}{8}$ oz. 50c.

Golden Yellow. Pkt. 10c, $\frac{1}{8}$ oz. 50c.

Scarlet. Pkt. 10c, $\frac{1}{8}$ oz. 50c.

Rose and Gold. Pkt. 10c, $\frac{1}{8}$ oz. 50c.

Scarlet and Gold. Pkt. 10c, $\frac{1}{8}$ oz. 50c.

Violet. Pkt. 10c, $\frac{1}{8}$ oz. 50c.

Violet and Gold. Pkt. 10c, $\frac{1}{8}$ oz. 50c.

Yellow and White. Pkt. 10c, $\frac{1}{8}$ oz. 50c.

Large Flowering. Mixed Colors. Pkt. 10c, $\frac{1}{4}$ oz. 35c.

SALVIA (Sage)

One of our most handsome summer and autumn-flowering plants, ablaze with brilliant flowers. Sow early in boxes, transplant to small pots, set out when frost is past; or sow outdoors in May. Avoid excessive moisture.

America (Globe of Fire). This fine variety is greatly prized for its compact growth. The plants develop into a globe-shaped bush surmounted by a profusion of sturdy, flame-red flower-spikes. The earliest and most brilliant of all red Salvias. Pkt. \$1.25, $\frac{1}{4}$ oz. \$3.00.

Bonfire. Very compact, oval bushes about 2½ feet high, with long spikes of brilliant scarlet flowers. Gorgeous effects can be produced with massed Bonfire Salvia. Our strain is very full-flowered. Pkt. 10c, $\frac{1}{4}$ oz. \$1.50.

Farinacea, Blue. A perennial variety, but best grown as an annual. Seeds sown in the open ground in May bloom from July to frost. Fine light blue flowers. 2 ft. Pkt. 15c, $\frac{1}{8}$ oz. \$1.50.

Splendens (Scarlet Sage). Well-known bedding plants carrying long flaming flower-spikes, making a fine display until frost. 3 ft. Pkt. 10c, $\frac{1}{4}$ oz. 75c.

Zurich. Dwarf scarlet, very early. 2 ft. Pkt. 25c, $\frac{1}{4}$ oz. \$1.75.

Fine for cutting. **Black-Purple, Crimson, Lavender, Rose, White, Yellow, and Mixed.** Each, Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Peach Blossom. A beautiful peach-blossom-pink. Very large, perfect blooms on long stems. The finest color in Scabiosas. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Shasta. A pure white of enormous size for a Scabiosa. The flowers measure 3 to 3½ inches across, with extremely long stems. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Perennial Varieties

Caucasica. Hardy with large, pale blue flowers on long stems; valuable for cutting. 3 ft. Pkt. 15c, $\frac{1}{4}$ oz. \$1.75.

Japonica. Beautiful lavender-blue flowers on 2½-foot, bushy plants. Pkt. 15c, $\frac{1}{8}$ oz. 60c.



Salpiglossis

SANVITALIA procumbens fl. pl. H.A. Pretty bright double yellow flowers. 6 in. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

SAPONARIA calabrica. Dwarf annual with pink starry flowers. 2 ft. Pkt. 10c, $\frac{1}{4}$ oz. 35c.

vaccaria. Graceful sprays of pale rose flowers.

SCABIOSA

Fine for cutting, and showy in the garden. Easily raised from seed, blooming continuously from early summer until frost.

Annual Varieties

Sow indoors early, set out in May, or sow outside in April. 3 feet.

Improved Giant-Flowered. The beautiful, full-petaled flowers are held erect on long, wiry, slender stems.



Scabiosa



Salvia

SCHIZANTHUS (Butterflyflower). H.H.A. Beautiful and showy, erect growing, hardy annuals for house or garden; very free-flowering, continuing through the Summer and Autumn. 1½ ft.

Dr. Badger's Hybrids. Fern-like bright green foliage, covered with a beautiful range of colors. Grand for pot culture. Pkt. 50c.

wisetonensis, Select Hybrids. Flowers varying from white with yellow eye, to rose with bronze center. Fine for pots. Pkt. 25c.

SEDUM (Stonecrop)

Dwarf hardy perennials for the rock-garden and for carpet bedding.

Acre. Yellow. Height 6 in. Pkt. 25c.

Album. White. Height 6 in. Pkt. 25c.

Middendorffianum. Yellow with dark foliage. Height 6 in. Pkt. 25c.

Spurium. Rose. Height 6 in. Pkt. 25c.

Stoloniferum Coccineum. Scarlet. Height 6 in. Pkt. 25c.

SIDALCEA, Stark's Hybrids. H.P. A hardy border plant. All shades from blush pink, rose, carmine and crimson. 2 to 4 ft. Pkt. 25c.

SILENE. (Catchfly.)

compacta. H.A. Double. Mixed. Pkt. 10c.

orientalis. H.P. Large, globular heads of bright rose flowers, which are clove-scented. Pkt. 10c.

SMILAX (*Myrsiphyllum asparagoides*). G.P. Pkt. 10c.

SOLANUM capsicastrum nanum (Jerusalem Cherry). G.P. Ornamental plant for Winter decoration, with bright scarlet berries. Pkt. 15c.
Cleveland. Valuable as a pot plant. Pkt. 25c.



Satice sinuata, True Blue

STATICE (Sea Lavender)

Its cloud-like masses of flowers make borders gay for a long time, and their delicate coloring and light graceful habit make them fine for bouquets.

Sinuata. Colors do not readily fade. Fine annual for cut-flowers or everlastings. 1 ft. **True Blue, Rose,**

White, or Mixed. Each, Pkt. 15c, ¼ oz. 40c.

Bonduelli. Golden yellow. Pkt. 15c, ¼ oz. 40c.

Latifolia Blue. Fine lavender-blue perennial variety for winter bouquets. Pkt. 15c, ¼ oz. \$1.00.

STEVIA serrata. G.P. A greenhouse plant with fragrant, tiny white flowers; exceedingly valuable for cutting. 2 ft. Pkt. 15c, ¼ oz. 75c.

STOCKS (Gilliflower)

Do best on a medium light, moist soil, with some shade in hot weather. Start seed indoors in March or sow outdoors in April.

Large-Flowering Dwarf Ten-Weeks (Cut-and-Come-Again). 10 inches high, very free-flowering, producing a high percentage of doubles. **Light Blue, Canary-Yellow, Blood-Red, Brilliant Rose, Flesh-Pink, Carmine, White, Purple.** Each, Pkt. 25c, ¼ oz. \$1.75. **Mixed.** Pkt. 25c, ¼ oz. \$1.50.

Improved Giant Perfection (Cut-and-Come-Again). Large spikes of double flowers from early summer to fall. 2 ft. **Silvery Lilac, Rose, Canary-Yellow, White, Mixed.** Each, Pkt. 25c, ¼ oz. \$1.75.



Stocks

STOCKS (Continued)**Winter Flowering Stocks**

Cut-and-come-again, Princess Alice. Double white.
 Beauty of Nice. Splendid rose color. Pkt. 25c.
 Crimson King. Brilliant fiery crimson. Pkt. 25c.
 Empress Elizabeth. Carmine-rose. Pkt. 25c.
 Giant Abundance. Carmine-rose. Pkt. 25c.
 Mont Blanc. Pure white. Pkt. 25c.
 Queen Alexandra. Delicate rosy lilac. Pkt. 25c.
 Summer Night. Deep blue. Pkt. 25c.
 White Lady. Large, double, snowy-white. Pkt. 25c.
 Yellow, Monte Carlo. Clear yellow. Pkt. 25c.

STREPTOCARPUS. Handsome greenhouse perennial, with Achimene-like flowers in clusters on slender stems. Treatment same as for Gloxinia. Mixed hybrids. Pkt. 50c.



Sweet William

SWEET WILLIAM (Dianthus barbatus)

A hardy perennial. Sow seed August 1 and transplant in September to sunny borders. If sown in early spring, will not bloom until the second season.

Holborn Glory. Single; many colors, with white eye. Pkt. 10c, 1/4 oz. 60c.

Newport Pink. Single; beautiful watermelon-pink. Pkt. 10c, 1/4 oz. 60c.

Scarlet Beauty. Scarlet, single flowers. Pkt. 10c, 1/4 oz. 60c.

Single Mixed. A full range of color. Pkt. 10c, 1/4 oz. 60c.

Double, Mixed. Pkt. 10c, 1/4 oz. 60c.

Dwarf, Double, Mixed. Large, full, double, compact blooms on 6 to 8 inch stems in white, pink, and red. Ideal for bedding. Pkt. 10c, 1/4 oz. 60c.

SUNFLOWER. H.A. Well-known hardy annuals, the small-flowering sorts being very useful for cutting, while the larger sorts are very ornamental and useful, blooming all Summer.

cucumerifolius (Miniature Sunflower). Of pyramidal growth; covered with bright orange, small single flowers. 3 ft. Pkt. 10c, 1/4 oz. 25c.

cucumerifolius hybridus fl. pl. Splendid double. Pkt. 10c.

Cooks' cucumerifolius Hybrids. Shades of red, purple, mahogany and yellow. 4 ft. Pkt. 10c.

Red Hybrids. "The Red Sunflower." Large flowers in various shades of red and dark centers. 4 ft. Pkt. 10c, 1/4 oz. 25c.

Stella (Improved Miniature Sunflower). Yellow. 3 ft. Pkt. 10c, 1/4 oz. 25c.

SWEET PEAS

There are no Annual Climbers that are more popular or more universally admired than Sweet Peas. They are of the easiest culture, unrivaled for cutting, delightfully fragrant, while their colors are amongst the brightest and daintiest in the floral world. As soon as the ground can be worked in the Spring, sow the seeds in trenches at least 6 inches in depth, then as the plants grow fill in the soil about one inch at a time until the trenches are full, taking care not to cover the young plants. Liquid manure applied occasionally will be found very beneficial. Pick the flowers frequently, for if allowed to form seed the plants will soon stop blooming.

COOK'S SPENCER TYPE SWEET PEAS

The Spencer Types of Sweet Peas are a great improvement over the large flowering varieties. For cutting and exhibition purposes they are indispensable. The following varieties are a selection of the many kinds of this class best adapted for general use.

APPLE BLOSSOM SPENCER. Rose standards, blush rose wings beautifully waved.

AUSTIN FREDERICK IMPROVED. Large, pure lavender.

AVALANCHE. A very large flower, strong and heavy, and of the purest white. Pkt. 15c, oz. 75c.

BLUE CHARM. (Duplex type.) Claimed to be the largest Sweet Pea in cultivation. The beautiful clear shade of blue makes it an exceptional variety for the exhibitor, and it is distinctive in size and texture. Sprays of four beautiful frilled flowers are produced freely and nearly every bloom is duplex. Pkt. 25c.

BLUE FLAME. A large dark blue Sweet Pea. It is deeper than anything in the blue class. Fine long stems, and the flowers are very sweet-scented. Pkt. 25c, oz. \$1.00.

BARBARA. The best salmon or exhibition purposes.

BLANCHE FERRY SPENCER. Rose standard with white wings.

CELEBRITY. The most vigorous-growing, orange-colored Sweet Pea. Its flowers are unusually large and the stems long and strong. The color is uniform in standard and wings, and bright rather than dark. We cannot recommend this variety too highly. Pkt. 15c, oz. 75c.

CHARITY. This is, without a doubt, the finest rich brilliant crimson which does not burn in the sun. A vigorous grower, the exquisitely waved flowers are usually produced in fours on long graceful stems. Pkt. 10c, oz. 50c.

Unless marked, any of the above varieties:
 Pkt. 10c, oz. 35c, 1/4 lb. \$1.00.



Sweet Peas

CHARMING. Lovely shade of rosy cerise; flowers large and stems long. Pkt. 10c, oz. 50c.

CHIEFTAIN. A lovely shade of deep mauve.

COMMANDER GODSALL. A beautiful violet-blue.

CONSTANCE HINTON. Very large, black-seeded white.

CONQUEROR. A magnificent, large, clear glowing cherry-cerise. The standard and wings are alike in brightness of color. Vines are vigorous and the flowers are borne on fine strong stems. Pkt. 25c, oz. \$1.00.

DEBUTANTE. A magnificent new shade in Sweet Peas, and difficult to describe, but the general effect is a lovely soft salmon shaded coral or peach-pink. It is a surprisingly strong grower, and the large, bold flowers are borne on stout stems. Pkt. 25c, oz. \$1.00.

DOREEN. Standard rosy pink, wings cream.

ELFRIDA PEARSON. Blush pink.

EOSINE. This variety, according to the chart, is a beautiful tone of eosine-pink, with a soft flush of salmon. The flowers are very large and well placed on long, stout stems. Pkt. 25c, oz. \$1.00.

FLAMINGO. This is a fine exhibition variety. Sometimes as many as five flowers are produced on a single stout stem. The color is a heavy shading of cerise on a ground of orange-scarlet. Pkt. 15c, oz. 75c.

GOLD CREST. The flower is orange, and over all is a beautiful salmon sheen—truly an art color in a fine flower of great substance. Pkt. 15c, oz. 75c.

GOOD CHEER. This is a beautiful shade of deep begonia-rose. The flowers are very large and well placed on long stems and the vines are vigorous growers. Pkt. 25c, oz. \$1.00.

HAWLMARK CERISE. This variety differs from the deep cerise form and the rose-cerise in that the blending tone is a pure salmon. Is esteemed the finest salmon-cerise. Pkt. 15c, oz. 75c.

HAWLMARK SALMON PINK. Rose-pink.

HAWLMARK PINK. Bright rose-pink, flushed salmon.

KITTY PIERCE. One of the most charming of Sweet Peas. Both wings and standard are of a soft, light lilac, and spreading through the flower is a delicate suffusion of blush-pink. Pkt. 15c, oz. 75c.

MARY PICKFORD. A dainty, waved flower, the general color of which is cream-pink; a delicate overtone of salmon, however, gives us an effect that is beautiful indeed. Long and strong stems often bear four blossoms. Pkt. 15c, oz. 75c.

PINKIE. The plant is vigorous and stout; strong stems bear a profusion of flowers throughout the season. Deep rose-pink waved blossoms. Pkt. 15c, oz. 75c.

PIRATE GOLD. A new tint of deep golden orange that is most pleasing. The large blossoms are very resistant to strong sunlight and the plant is a robust one. Pkt. 25c, oz. \$1.00.

PICTURE. Flesh pink, suffused creamy apricot.

POWERSCOURT. A large, fine, pure lavender variety, outstanding in its loveliness. Pkt. 10c, oz. 50c.

PRINCE OF ORANGE. This is well named, for the enormous flowers are deep orange-red in color, flame-like, rich and brilliant. A fine variety that should be included in every planting of Sweet Peas. Pkt. 15c, oz. 75c.

RED BOY. A beautiful self-crimson—the richest and brightest yet introduced. Four flowers on long, strong stems are characteristic of this variety.

TANGERINE IMPROVED. A beautiful glowing orange.

VALENTINE. Blush pink; flowers of large size.

WELCOME. Most brilliant and dazzling scarlet Sweet Pea yet introduced. The color is what most people have in mind when they think of scarlet. Pkt. 25c, oz. \$1.00.

Cook's Euclid Mixed Spencer Hybrids

A mixture of Spencers. Pkt. 10c, oz. 35c, ¼ lb. \$3.00.

Unless marked, any of the above varieties:

Pkt. 10c, oz. 35c, ¼ lb. \$1.00

EARLY OR WINTER-FLOWERING SWEET PEAS

A valuable race of early-flowering Sweet Peas, which from an August sowing in pots will give an abundance of bloom under glass from Christmas onwards.

AVIATOR. Dazzling crimson scarlet. $\frac{1}{4}$ oz. 35c, oz. \$1.00.

CANARY BIRD. A splendid cream of primrose colored self. $\frac{1}{4}$ oz. 35c, oz. \$1.00.

CHEVALIER. True rose color. $\frac{1}{4}$ oz. 35c, oz. \$1.00.

COLUMBIA. Salmon rose. $\frac{1}{4}$ oz. 35c, oz. \$1.00.

LOVELINESS. White, edged rose-pink. $\frac{1}{4}$ oz. 35c, oz. \$1.00.

MAUVE BEAUTY. Rosy mauve, beautifully waved, four flowers on stem. $\frac{1}{4}$ oz. 35c, oz. \$1.00.

MORNING STAR. A deep orange-scarlet with rich orange-pink wings. $\frac{1}{4}$ oz. 35c, oz. \$1.00.

MRS. A. A. SKAACH. Bright pink self. $\frac{1}{4}$ oz. 35c, oz. \$1.00.

SUNBURST. An attractive shade of rich salmon-pink. $\frac{1}{4}$ oz. 35c, oz. \$1.00.

SUPERIOR PINK. A beautiful rose pink very slightly shaded with salmon. Pkt. 25c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.00.

TRUE BLUE. $\frac{1}{4}$ oz. 50c, oz. \$1.00.

ZVOLANEK'S BLUE. A very bright blue. $\frac{1}{4}$ oz. 35c, oz. \$1.00.

ZVOLANEK'S ORANGE. Orange-pink. $\frac{1}{4}$ oz. 35c, oz. \$1.00.

ZVOLANEK'S ROSE. A beautiful self, rose. $\frac{1}{4}$ oz. 50c, oz. \$1.50.

BLUE BONNET. Deep blue of enormous size without the slightest trace of mauve. $\frac{1}{4}$ oz. 35c, oz. \$2.00.

EARLY BLUE BIRD. A charming shade of blue. $\frac{1}{4}$ oz. 25c, oz. \$1.00.

EARLY GIANT ROSE. Rich deep rose pink. $\frac{1}{4}$ oz. 25c, oz. \$1.50.

EARLY KING (Improved). A glowing, rich, bright crimson of great size. $\frac{1}{4}$ oz. 25c, oz. \$1.00.

EARLY PAL. Rich rose crimson of excellent form. $\frac{1}{4}$ oz. 35c, oz. \$2.00.

EARLY SNOWFLAKE. Pure white. $\frac{1}{4}$ oz. 25c, oz. \$1.00.

EARLY VOGUE. Best clear lavender, flowers large and waved. $\frac{1}{4}$ oz. 35c, oz. \$2.00.

GILDA GRAY. The standard is a lovely shade of salmon-cerise overlying a bright pink. $\frac{1}{4}$ oz. 25c, oz. \$1.50.

GLITTERS. Bright fiery orange, wings deep orange. $\frac{1}{4}$ oz. 25c, oz. \$1.00.

GRENADIER. Glowing poppy scarlet. $\frac{1}{4}$ 25c, oz. \$1.50.

JEANNE MAMITSCH. Beautiful shade of rose pink. $\frac{1}{4}$ oz. 25c, oz. \$1.50.

LAVENDER KING. A rich true deep lavender throughout. The fragrant flowers are of large size and beautifully waved form. $\frac{1}{4}$ oz. 25c, oz. \$1.00.

MRS. KERR. The best Early Flowering salmon Sweet Pea in existence. $\frac{1}{4}$ oz. 25c, oz. \$1.50.

PINK PROFUSION. A sparkling shade of rich pink which must be seen to be appreciated. $\frac{1}{4}$ 25c, oz. \$1.50.

SNOWSTORM IMPROVED. This is by far the finest of all white Winter-Flowering varieties. $\frac{1}{4}$ 25c, oz. \$1.00.

TRUE BLUE. A charming shade of true blue. Of great size, excellent form. $\frac{1}{4}$ 25c, oz. \$1.00.

VALENCIA. Bright orange, superior to any other orange variety. $\frac{1}{4}$ oz. 35c, oz. \$2.00.

WHITE HARMONY. Large pure white. $\frac{1}{4}$ oz. 35c, oz. \$2.00.

YARRAWA. Pleasing shade of bright rose pink with lighter wings. $\frac{1}{4}$ oz. 25c, oz. \$1.00.

Sweet Peas and Flower Seeds treated with "SEMESAN" will give better germination.

THALICTRUM. H.H.P. Graceful plants resembling Maidenhair ferns.

adiantifolium. Yellow flowers. 1 ft. Pkt. 25c.

dipterocarpum. Rosy-purple with citron-yellow anthers. 3 ft. Pkt. 25c.

THUNBERGIA. H.A.C. Beautiful, rapid-growing climbers. 5 ft. Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

TORENIA. H.H.A. Tender trailing plants for vases or baskets. 12 in.

"The Bride." White and rose. Pkt. 25c.

Torenia Fournieri. Sky-blue, like snapdragons, with three dark blue spots and a yellow throat. Start indoors March 1 and set out early in April. They bloom from June until frost. Height 10 in. Pkt. 10c, $\frac{1}{4}$ oz. \$1.50.

TRACHELIUM cceruleum. G.P. A free-flowering plant with cloud-like heads of mauve. Pkt. 25c.

TRITOMA. H.H.P. Often called the Flame-flower, useful for borders and cutting. Plants should be well protected in Winter.

semperflorens. Orange-red. Pkt. 20c, $\frac{1}{4}$ oz. 75c.

Stark's Early Hybrids. A new perpetual flowering race. The colors embrace yellows and salmons to deep crimsons. Pkt. 25c, $\frac{1}{4}$ oz. 75c.

Perpetual Early-Flowering Hybrids. A valuable half-hardy border plant. If sown indoors February 1, the plants will produce their attractive salmon and scarlet, thick flower-spikes in August. Height 3 ft. Pkt. 20c, $\frac{1}{4}$ oz. 75c.



Tritoma



Trollius

TROLLIUS (Globeflower). Charming Spring-flowering, hardy perennials with large, globular, Buttercup-like flowers varying in color from creamy white to orange. 2 ft.

Orange Globe Hybrids. Pkt. 25c, 1/8 oz. \$2.50.

VALERIANA (Garden Heliotrope)

Mixed. Showy, hardy plants with deeply cleft leaves and large heads of white, pink and red flowers on 3 to 5-foot stems, emitting a delicate heliotrope color. Pkt. 10c, 1/2 oz. 50c.

VERBASCUM Miss Willmott. H.P. A lovely hardy plant with large; ivory-white spikes. Pkt. 50c.

phoeniceum. H.P. Various colors, including white, pink, blue, mauve and purple. 12 in. Pkt. 15c.

VERBENAS

These produce their large, fragrant clusters of blossoms constantly from midsummer until killing frost, in all kinds of weather and on even the poorest soils. These annuals make fine window-box plants and for borders.

Large-Flowering. The plants of this strain are quite compact and bear large blooms throughout a long season. We offer the following separate colors: Blue, Pink, Purple, Scarlet, White, and Mixed. Each, Pkt. 10c, 1/4 oz. 60c.

Beauty of Oxford Hybrids. For years this startling vivid variety has been available from cutting only. The wonderful strain we now offer from seed has been developed by crossing with Giant Luminosa. It is brilliant, shading from clear rose-pink to rose-red, with slight salmon shading. Pkt. 50c.

Lemon Verbena (Aloysia citriodora); Lemon-scented leaves. Pkt. 15c.

venosa. Purple flowers. Blooms the first year from seeds. Pkt. 25c.

VERONICA. H.P. Splendid hardy perennials with showy spike of bright-colored flowers; fine border plants. 1 1/2 to 2 ft.

spicata Blue. Bright blue. Pkt. 15c, 1/4 oz. 50c.

VINCA. H.H.P. Splendid plants for bedding and edging; glossy, dark-green foliage and pretty pink and white flowers. 2 ft.

alba pura. Pure white. Pkt. 10c, 1/4 oz. 60c.

alba rosea. White, crimson eye. Pkt. 10c, 1/4 oz. 60c.

delicata. A beautiful soft rose color. Pkt. 10c, 1/4 oz. 60c.

rosea. Rose, dark eye. Pkt. 10c, 1/4 oz. 60c.

Mixed. Pkt. 10c, 1/4 oz. 60c.

VIOLA

Jersey Gem. Grown like Pansies, the big, deep violet-blue flowers, on large, compact plants, bloom the first year from seed, and thereafter almost continuously and profusely from May to frost, even where the soil is dry. Sell better than bellis, myosotis, or pansy. Pkt. 25c, 1/8 oz. \$4.50.

Viola, Bedding Varieties. H.H.P. Large flowering, self colors. 6 in.

Mixed. From best named Scotch varieties. Pkt. 25c.

Viola, Tufted Pansies. H.H.P. Valuable for bedding and may be grown in the same manner as Pansies. Very free flowering.

Admiration. Soft purple, dark blotched. Pkt. 15c, 1/8 oz. 75c.

lutea grandiflora. Orange. Pkt. 15c, 1/8 oz. 75c.

Mauve Queen. Pretty mauve. Pkt. 15c, 1/8 oz. 75c.

White Perfection. The best white. Pkt. 15c, 1/8 oz. 75c.

Finest Mixed. All colors. Pkt. 25c, 1/4 oz. \$1.00.

Apricot Gem. Pkt. 25c, 1/8 oz. \$2.50.

Violet, Viola odorata. H.P. Sweet-scented. Pkt. 25c.

VISCARIA. H.A. Showy and profuse blooming plants, very effective in small beds.

Blue Gem. Light ultramarine blue. 6 in. Pkt. 25c.

Rosy Gem. Bright carmine rose. 6 in. Pkt. 25c.

Finest Mixed. Pkt. 10c, 1/4 oz. 25c.

XERANTHEMUM. H.A. Showy, hardy annual of easy culture, giving a profusion of flowers; well suited to drying as everlasting. Double Mixed. Pkt. 10c.



Beauty of Oxford Hybrid Verbena

ZINNIAS

To get the best blooms, sow the seed indoors and transplant seedlings to the garden early in May, or, if preferred, sow the seed in the open ground in April and transplant later. Space the large-flowering taller sorts 1½ to 2 feet apart each way.

CALIFORNIA GIANTS

This new strain has the same robust habit as the Dahlia-flowered, throwing vigorous laterals from which the best flowers usually come. When the flowers are in full bloom they reach enormous size, but their flatness gives them a most graceful appearance. We have seen some tremendous flowers, 8 to 9 inches in diameter. We offer eight separate colors:

Brightness. An attractive bright deep pink.

Cerise Queen. Beautiful cerise-rose. Outstanding.

Golden Queen. Pleasing shade of lemon-orange.

Grenadier. Rich dark red.

Lavender Gem. Deep lavender, turning to purple.

Orange King. Deep burnt-orange (cadmium orange).

Scarlet Gem. Scarlet.

Scarlet Gem. Scarlet.

Violet Queen. Very rich deep rhodanthepurple.

Each, Pkt. 15c, ¼ oz. 35c, oz. \$1.25.

DWARF DOUBLE-FLOWERED

Excellent for borders or for cutting, growing a foot high. **White, Rose, Golden Yellow, Purple, Crimson, Scarlet, and Mixed.** Each of above, Pkt. 10c, ¼ oz. 35c.



Giant Dahlia-flowered Zinnia



California Giant Zinnia, Brightness

LILLIPUT

This charming little Zinnia, with its very small, globe-shaped, very double flowers resembling Pompon dahlias, is used for borders and edgings but is very useful for cut-flowers because of its formal shape and long keeping qualities. Blooms from June to frost if seed is started outdoors early. Height 8 to 10 inches. **Crimson Gem, Golden Gem, Purple Gem, Salmon-Rose, Scarlet Gem, Mixed.** Each, Pkt. 10c, ¼ oz. 35c.



Lilliput Zinnias

GIANT DAHLIA-FLOWERED

This is a very fine strain of the tall-stemmed, large-flowered Zinnia. A beautiful new type closely resembling decorative dahlias in form and in the arrangement of the petals. They attain a height of 3 feet, producing huge blooms of distinctive colorings as follows:

Canary Bird. Soft primrose shade.

Crimson Monarch. A bright red.

Dream. Deep lavender turning purple.

Exquisite. Pale rose with deep rose center.

Golden Dawn. A very rich golden yellow.

Meteor. A very rich glowing deep red.

Old Rose. Large, shapely and a real old rose.

Oriole. An immense orange and gold bicolor.

Polar Bear. A very large pure white.

Scarlet Flame. A big, beautiful bright scarlet.

Each of above, Pkt. 15c, ¼ oz. 60c, oz. \$2.00.

WALLFLOWER. H.H.P. Old-fashioned fragrant plants blooming in early Spring. They should be protected in a coldframe in the Winter, and planted out in April. 12 in.

kewensis. Very fragrant, sulphur-yellow flowers, passing to orange-yellow or purple-violet. Fine for Winter flowering in greenhouse. Pkt. 15c, $\frac{1}{8}$ oz. 75c.

Single Fine Mixed. Hardy varieties. Pkt. 10c, $\frac{1}{4}$ oz. 35c.

Double Fine Mixed. Hardy. Pkt. 25c, $\frac{1}{8}$ oz. \$1.00.

Annual Varieties. If sown in heat during March these will flower during the Summer and Autumn. Excellent for forcing.

Annual Mixed. Summer flowering. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

Early Wonder. A new double annual flowering type. Mixed colors. Pkt. 50c.

Early Paris Market. Bright brown. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

Blood-red. Pkt. 15c, $\frac{1}{4}$ oz. 50c.

SEEDS OF HARDY ROCK GARDEN PLANTS



AETHIONEMA (Persian Candytuft). 9 in. June-July. Sun. Strong, twiggy bushes covered with long, slender spikes of rosy pink flowers. Pkt. 30c.

ALYSSUM serpyllifolium (Alpestre). Very dwarf. 4-5 in. Racemes of pale yellow flowers and rough, hoary leaves. Blooms just after the well known Saxatile variety. Pkt. 20c.

ALYSSUM. Rock Garden Perennial. Rare species mixed. Pkt. 15c.

ANCHUSA myosotidiflora. 1 ft. May. Shade. A Russian variety with clusters of blue flowers resembling Forget-me-nots. Very effective. Pkt. 25c.

ANEMONE pulsatilla (Pasque Flower). 10 in. April-May. An interesting plant producing violet or purple flowers. Pkt. 25c.

AUBRIETIA Eyri. A dainty low creeping plant. Fine for crevices or rocks. Rosy lilac, flowers for a long period. Pkt. 30c.

CALANDRINIA umbellata. 4-5 in. Will do well in a hot location where other plants may not succeed. Bright crimson saucer-shaped flowers. Prostrate habit. Pkt. 20c.

CAMPANULA garganica. June. A low spreading tuft covered with starry light blue flowers with small white eye. Fine for hanging over a rock. Pkt. 35c.

CAMPANULA barbata. 1 ft. Called Queen of the Lower Alpine Meadows. Large grayish blue bells on 12-in. stems. Pkt. 25c.

CAMPANULA Raineri. Erect blue flowers in June and July. Plant dwarf, spreading. Pkt. 25c.

CAMPANULA rotundifolia (Scotch Bluebells). 1 ft. June to Aug. Clear blue flowers, especially adapted for crevices. Also does well on steep slopes. Pkt. 25c.

DIANTHUS Allwoodi alpinus. 6 in. June-July. Glossy foliage with large bright rose flowers. Thrives best in loam to which a little lime has been added. Shade a little in hottest part of summer. Pkt. 50c.

ERIGERON alpinus. Distinctly a rock garden plant. Dwarf, free flowering, clusters of small daisylike flowers or purplish color. Pkt. 25c.

ERINUS alpinus roseus. 4 in. May-June. The foliage grows in rosettes, the flowers in racemes of rosy purple. Fine for pockets or between steps. Pkt. 25c.

NEPETA Mussini (Ground Ivy). 1-1 $\frac{1}{2}$ ft. Fine for any place in the rock garden; compact habit, producing masses of lavender flowers. Pkt. 25c.

OENOTHERA missouriensis (Evening Primrose). 10 in. June to Aug. A low, prostrate growing variety with ascending branches. Flowers very large, soft yellow. Pkt. 30c.

SAXIFRAGA umbrosa (London Pride). Sun or shade. Numerous small pink flowers, fine for rocks or edging; foliage makes a solid carpet. Pkt. 30c.

SEDUM spurium coccineum (Stonecrop). 6 in. July and Aug. Sun. Showy rosy crimson flowers. They thrive in almost any soil. Pkt. 25c.

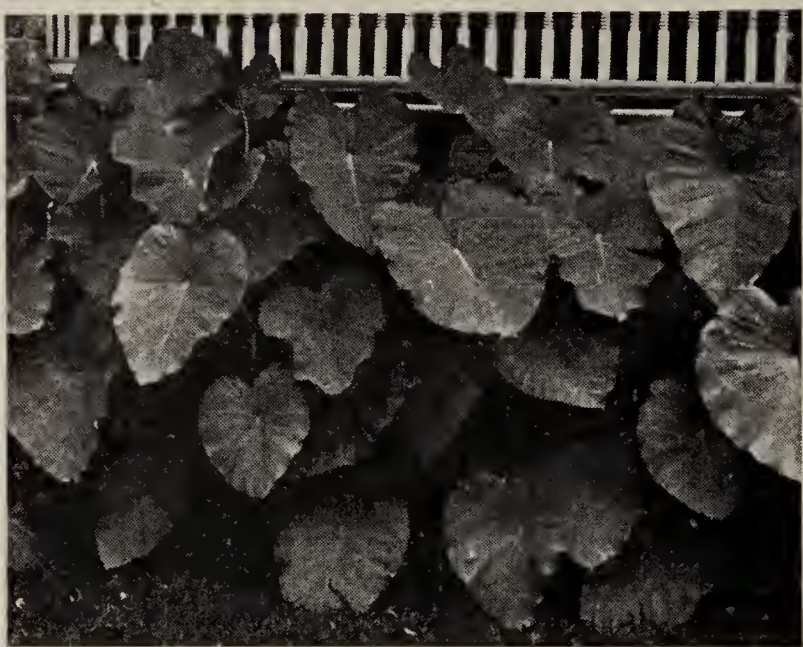
SILENE Schafta (Autumn Catchfly). 4 to 6 in. July to Oct. When in flower, they are a mass of bright pink. Pkt. 20c.

TUNICA saxifraga (Coatflower). 6 in. Beautiful tufted plant with light pink flowers produced all summer. Fine for either border or rockery. Pkt. 20c.

VERONICA incana (candida). 1 ft. July-Aug. A white, wooly plant with numerous blue flowers. Makes a fine show even when not in bloom. Pkt. 25c.

VERONICA teucrium. Royal blue. 1-ft. Valuable for rockeries and dwarf borders. Pkt. 25c.

SUMMER-FLOWERING BULBS



Caladium, Elephant's Ear

ACHIMENES

Profuse blooming tender perennials for greenhouse or conservatory decoration during Summer.

FINEST MIXED VARIETIES. Doz. \$3.00, 100 \$20.

AGAPANTHUS

UMBELLATUS (Blue Lily of the Nile). A most desirable plant for outdoor decoration; planted in large pots or tubs on the lawn or piazza. Pot-grown plants. 6 in. Each \$1.50, doz. \$15.00.

AMARYLLIS

They should be grown in rich, sandy loam, with good drainage, and require abundant moisture when growing; but at their season of rest water should be given sparingly.

HIPPEASTRUM, VEITCH'S and KER'S NEW HYBRIDS. The finest race of Amaryllis in cultivation. Each 50c, doz. \$5.00.

ANEMONES

Dainty summer flowering plants with flowers 2½ inches in diameter on strong stems.

CORONARIA, ST. BRIGID. Double and semi-double. Doz. \$1.50, \$10.00 per 100.

BEGONIAS

Splendid pot plants for the house or greenhouse, and especially valuable for bedding, flowering in the greatest profusion throughout the summer. For bedding they should be started in hotbed in March and April.

Single Tuberous-Rooted

Separate Colors: Crimson, Pink, White, Yellow or Mixed. Each 30c, doz. \$3.00, 100 \$20.00.

Double Tuberous-Rooted

Separate Colors: Crimson, Pink, White, Yellow or Mixed. Each 30c, doz. \$3.00, 100 \$20.00.

CALLAS (Richardia)

Splendid as pot plants or for outside planting. They may be started inside and safely planted out in May.

ELLIOTTIANA. Flowers are large, rich dark golden yellow. Leaves beautifully spotted with white. Each 50c, doz. \$5.00, 100 \$40.00.

CALADIUM ESCULENTUM (Elephant's Ear)

Grand, tropical plant. A favorite for specimens on the lawn. Height 3 to 4 feet.

LARGE BULBS. 7 to 9 in. circum. Each 25c, doz. \$2.50.

MAMMOTH BULBS. 9 to 11 in. Each 35c, doz. \$3.50.

Fancy-Leaved Caladiums

Beautiful, variegated-leaved plants adapted for pot culture or bedding if given sheltered positions.

FANCY-LEAVED MIXED VARIETIES. Each 40c, doz. \$4.00.

NAMED VARIETIES, Separate. Each 50c, doz. \$5.00.

CANNAS

Cannas should not be planted until the warm weather sets in, or about May 15th. If planted too early the bulbs are apt to rot.

The following are a selection of the largest flowering varieties which we can recommend for bedding or borders. We shall be pleased to supply other varieties not named at catalogue prices.

FIERY CROSS. Very large, vivid scarlet. Foliage green. 5 ft. Doz. \$1.50, 100 \$10.00.

HUNGARIA. The ideal pink bedder; large trusses of flowers. 3 ft. Doz. \$1.50, 100 \$10.00.

KING HUMBERT. Bronze foliage, with orange-scarlet flowers. 4 ft. Doz. \$1.50, 100 \$10.00.

PANAMA. An attractive rich orange-red, with edge of golden yellow. 3 ft. Doz. \$1.50, 100 \$10.00.

THE PRESIDENT. A gorgeous green leaf variety with great trusses of orange red flowers. Doz. \$1.50, 100 \$10.00.

RICHARD WALLACE. Canary-yellow. 4½ ft. Doz. \$1.50, 100 \$10.00.

YELLOW KING HUMBERT. A beautiful yellow, lightly spotted red, with green foliage. 5 ft. Doz. \$1.50, 100 \$10.00.



Gloxinia

CINNAMON VINE

DIOSCOREA batatas. A rapid growing Summer climber, with bright green, glossy foliage and spikes of cinnamon-scented white flowers. Each 15c, doz. \$1.50, 100 \$9.00.

GLOXINIAS

Handsome Summer-flowering, tuberous - rooted plants adapted for pot culture. One bulb should be used for a 4-inch pot, using properly mixed soil and care being taken in waterting.

Red, Spotted, White or Blue. Each 50c, doz. \$5.00.

Choice Mixed Colors. Each 40c, doz. \$4.00.

HYACINTHUS CANDICANS

Luxuriant, free-growing summer-flowering plant; spreads 2 to 3 feet, throwing up great, tall spikes, 4 to 5 feet in height, each bearing twenty to thirty large, white, bell-shaped flowers. Choice bulbs, 15c each, \$1.50 per doz., \$10 per 100.

IRIS (Bearded or Fleur-de-Lis)

These Irises form a most delightful group of flowers, as they are about the first of the perennials to bloom, and the colors range to all shades of the rainbow, blooming in May and June.

Iris, Japanese

The Japan Iris is perfectly hardy and flowers in great profusion in July and August.

The large size of the flowers is noteworthy, as they often reach 6 to 8 inches across in most fascinating combinations.

GOLD BOUND. Large, pure white, yellow center.

HELEN VON SIEBOLD. Reddish violet, veined white, three petals.

PYRAMID. Violet-blue, veined white in center of each petal.



Japanese Iris

TEMPLETON. Double light blue, mottled rose and white.

VICTOR. White, veined, violet-blue, purple center.

Prices of the above, strong clumps, 50c each.

Large individual clumps, \$1.00 each, \$9.00 for 10

ISMENE CALATHINA

(Pancratium Lily; Peruvian Daffodil)

A choice flowering bulb, blooming profusely during the summer. Clusters of large, strikingly fragrant, pearly white flowers. Bulbs should be kept warm and dry and planted out the middle of May; they will commence flowering in July. Before freezing weather sets in, they should be lifted and kept in a warm, dry place. Large bulbs, 25c each, \$2.50 per doz. \$15 per 100.

MADEIRA VINE (Climbing Mignonette)

A beautiful and popular vine, covering a large space in a short time. Fleshy heart-shaped leaves of a light green, and numerous racemes of feathery flowers of delightful fragrance. Protect with litter in this latitude. 15c each, \$1.50 per doz., \$10 per 100.

LILY-OF-THE-VALLEY PIPS

For Greenhouse Growing

In judging the price of our Lily-of-the-Valley, please remember that the best is the cheapest. Our Valley is positively among the best. Is brought at open prices, with instructions for a selection of the best-developed pips. Our long experience and large importations have commanded this extra selection. For growing indoors these pips are the best that can be planted. 25 pips \$2.00, 100 pips \$7.00, 250 pips \$17, 500 pips \$32.50, 1,000 pips \$60.00.



Hyacinthus Candicans

LILIES

In the flower garden Lilies rank first in importance. They are stately and beautiful, matchless in form and variety of color, while possessing the most agreeable perfume, and for general effect they have no rivals. Bulbs should be planted 6 inches deep in a well drained, deep, loamy soil made rich with thoroughly rotted manure, and an inch of clean sand placed under and over the bulbs when setting.

AURATUM (Golden Rayed Lily of Japan). Large, pure white flowers, with crimson spots and a golden band through the center of each petal. 2 to 4 feet high, blooming from July to October. Each 40c, doz. \$4, 100 \$30.

HENRYI (Yellow Speciosum). Beautiful Lily from China. Rich apricot-yellow, reddish brown spots. 5 feet. July and August. Each 50c, doz. \$5.

SPECIOSUM ALBUM. Large, fragrant, pure white. Each 50c, doz. \$5, 100 \$40.

SPECIOSUM MAGNIFICUM. Rich red, heavily spotted; much larger and richer colored than the other varieties. Each 60c, doz. \$5, 100 \$35.

REGALE (Regal Lily). White, slightly suffused with pink, with a beautiful shade of canary-yellow at the center of the trumpet. Hardy. Doz. \$2.75, 100 \$25.

TIGRINUM SPLENDENS (Tiger Lily). Orange-salmon, spotted; the finest form. Each 30c, doz. \$2.75, 100 \$20.

SPECIOSUM RUBRUM or **ROSEUM**. White, shaded and spotted rosy crimson; fragrant. Large bulbs. Each 60c, doz. \$5, 100 \$35.

SPECIOSUM MELPOMENE. White, shaded with rich blood-crimson; heavily spotted. Large bulbs. Each 60c, doz. \$5, 100 \$35.



Regal Lilies

MONTBRETIAS

The Montbretias are the brightest of summer-flowering bulbs, and should be planted extensively. Set out during April or May, about six inches apart. They should be protected during the winter with a heavy covering.

New Giant-Flowering Varieties

The following varieties of new, giant-flowering Montbretias should be grown by those desiring the best. The type is distinct from existing kinds. The flowers are held erect, sometimes measuring four inches across.

FIRE KING. Glowing scarlet-red, decidedly one of the most beautiful. 15c each, \$2.00 per doz, \$9.00 per 100, \$70.00 per 1,000.

GEORGE DAVIDSON. The stems are 3 to 4 feet high, eight-to-ten-branched, pale orange-yellow flowers 3 inches across; among the first to flower. 20c each, \$2.00 per doz. \$10 per 100, \$90 per 1,000.



Lilium auratum



Montbretia, Germania

MONTBRETIAS—Continued

GERMANIA. Three to four feet high, producing very free-branching flower-spikes, very large, widely expanded flowers 2 or 3 inches across, of a rich, orange-scarlet, with red throat. 15c each, \$1.25 per doz., \$7.50 per 100, \$70 per 1,000.

KING EDMUND. Strong grower, large size flowers of a rich golden yellow, with brown markings in the throat. 20c each, \$2.00 per doz., \$10 per 100, \$90 per 1,000.

MESSIDOR. The flowers are of a pale yellow color and tall grower. 20c each, \$2.00 per doz., \$10 per 100.

WESTWICK. Distinct orange-red with a clear yellow eye surrounded by a circle of maroon. 15c each, \$1.25 per doz., \$7.50 per 100, \$70 per 1,000.



Cactus Dahlia, Roycroft

DAHLIAS

CACTUS DAHLIAS

AMBASSADOR. S.C. An outstanding Dahlia at many of the Dahlia exhibitions, and considered by many as being one of the best and most artistic of recent Dahlia introductions. Its color is, perhaps, best described as a soft yellow at the center, with salmon, amber, and pink shadings, gradually deepening towards the tips. The flowers are of largest size and are set just right on perfect stems. A strong grower and free bloomer. Tubers, each 75c.

AMELIA EARHART. Apricot buff and salmon. Very large and distinctive. Tubers, each \$6.00.



Dahlia, Jersey Beauty

CIGARETTE. Very fine scarlet, tipped white. A free-blooming variety with flowers held erect on long, stiff stems. Tubers, each 35c.

EAGLE ROCK WONDER. Fine Dahlia of tremendous size, with perfect bloom and stem; profuse bloomer and vigorous grower. The color is Mars-orange with a suffusion of pink and salmon. A prize-winner. Tubers, each \$1.50.

JEAN TRIMBEE. Flowers very large of rich petunia-violet. Strong, vigorous grower and free bloomer. Splendid for exhibitions. Tubers, each \$1.50.

ROYCROFT. Large, finely formed Semi-Cactus of cinnamon-buff, deepening to russet. Very prolific bloomer. Fine stems. Vigorous grower. Tubers, each 35c.

RUDY VALLEE. A very beautiful variety, the color being reddish apricot and gold. Tubers, each \$2.50.

SATAN. Flaming red with a slight touch of gold at the center, blooms of rare form and character and of an unusual brilliancy. Of rugged growth, with dark green foliage. Tubers, each \$4.00.

DECORATIVE DAHLIAS

AVALON. A fine Dahlia of deep canary-yellow on long, erect stems. Very prolific. Can be used as a cut-flower or garden variety. Tubers, each 35c.

BETTY IVINS. A very large, full flower of rich salmon, overlaid with an amber glow; reverse of petal has a glistening sheen of rosy pink. Fine upright stems. Plants medium height. Tubers, each 65c.

ELLINOR VANDERVEER. Very large blooms of satiny rose-pink, with great depth and substance, on fine, long, strong stems. A splendid exhibition variety. Tubers, each 35c.

DAHLIA (Continued)

FULL MOON. Color is canary yellow, with immense, regularly formed blooms with broad flat petals. A consistent bloomer, with clean, bright foliage. Tubers, each \$5.00.

JERSEY'S BEACON. This fine novelty is Chinese-scarlet, paler on the reverse, giving a two-toned effect. It is a great favorite and a real "beacon of the garden." Large; free bloomer; vigorous grower. Tubers, each 75c.

JERSEY'S BEAUTY. This is, without a doubt, the finest true pink Decorative Dahlia yet introduced. The beautiful large, pink flowers are of great form and are supported on long, straight, stiff stems, held well above the foliage. As a cut-flower, it is a wonderful keeper and is instantly admired. A splendid exhibition Dahlia, and equally valuable for garden decoration. Owing to a good supply of tubers, we are able to offer this fine Dahlia at a reasonable price this year. Tubers, each 65c.

KATHERINE COLE. A beautiful combination of pink and cream, tips of petals pink shading to cream. Stems long and strong. Won the Darnell Cup for the best-keeping variety. Tubers, each \$1.00.

KING MIDAS. An immense, beautiful, pure golden yellow flower of perfect form. Exceptionally free bloomer on long, strong stems. Tubers, each 65c.

MONMOUTH CHAMPION. Flame-scarlet flowers 12 inches and more across, full centered and borne high above the foliage on stiff stems holding them forward. Strong grower and free flowering. Tubers, each \$4.00.

ROSE FALLON. One of the largest of the new Eastern introductions. A beautiful Decorative of pleasing shades of amber, russet, and salmon. The formation of the flower is perfect and the stems are excellent. Its foliage is very dark and fine. A good cut-flower variety. Tubers, each 65c.



Dahlia, Jane Cowl

THE WORLD. Rich deep rosy magenta overlaid violet, with silver shadings on edges of petals. A strong, thrifty grower and free bloomer. Tubers, each \$1.00.

THOMAS A. EDISON. Immense dark purple-maroon flowers of splendid form held upright on the best of stems. Free bloomer and vigorous grower. Tubers, each \$1.00.

DECORATIVE TYPE, INFORMAL

ANDREA ERICKSON. A fine, large, pure white flower, with petals slightly twisted at the tips and center full and deep. Long, strong stems. Early and free bloomer. Tubers, each \$1.50.

BAGDAD. A gigantic, flaming scarlet-red on long, sturdy stems. An ideal grower and free bloomer. Very fine exhibition Dahlia. Tubers, each \$2.00.

COQUETTE. Thick, fluffy flower of Musketeer-red, blending to gold, borne on the best of stems. A free bloomer and vigorous grower. Tubers, each 75c.

EAGLE ROCK FANTASY. A massive, deep, informal Decorative of clear mallow-pink. Stems unusually long and strong. Vigorous in growth, with good habits. Tubers, each \$3.00.

DWIGHT MORROW. One of the outstanding gigantic red Dahlias. Blooms held erect on long, sturdy stems. Heavy, dark green foliage. Strong, healthy grower. Tubers, each \$3.00.

JANE DEW. Very large fine mallow pink. Good grower. Tubers, each \$4.00.

KATHLEEN NORRIS. A bloom of massive proportions, with broad, overlapping petals having twisted ends. Color a true rose-pink, deepening to mallow-pink. Great bloomer on perfect stems. Tubers, each \$1.25.

JANE COWL. One of the few outstanding exhibition Dahlias. Deep, massive blooms of a bronzy buff and old-gold, blending darker toward the perfect center. A stem of unusual strength holds this giant Decorative over a plant of ideal growth, while the foliage is the thick, leathery kind that insects seldom injure. Tubers, each 65c.

JERSEY'S SOVEREIGN. An indescribable shade of salmon-orange. Dark foliage. Early bloomer and good grower. Tubers, each 65c.

MURPHY'S MASTERPIECE. A very large and finely shaped flower of the deepest crimson. Tubers, each \$6.00.

MYRA HOWARD. Of a pure gold, with a rose sheen which glistens in the sunlight. Distinctive in form and color, with a very free blooming habit. Highly recommended. Tubers, each \$4.50.

MRS. I. de VER WARNER. A refined, deep mauve-pink Dahlia of perfect form, impressive on account of its size and beautiful orchid color. It is an abundant bloomer, splendid for exhibition and fine for the garden. Tubers, each 35c.

WATCHUNG WONDER. Royal red with a touch of gold at center. A monster flower on the best of stems. Everyone should have this great Dahlia. Tubers, each \$1.50.

WHITE WONDER. Pure white flowers, large and well formed on good stems. Tubers, each \$6.00.

PLANTS at 33 1/3 % off on varieties over \$1.00 each.

POMPON DAHLIAS

We offer below a select list of these beautiful Pompon Dahlias, a miniature form of the Show Dahlias, having the same ball-like form, but much smaller in size. The plants are also smaller, of branching habit, and produce an endless profusion of flowers, which are invaluable for table decoration and boutonnieres.

AMBER QUEEN. Amber.

AIMEE. Rich bronze. Flowers small with long stems.

DARKEST OF ALL. Deep maroon, the nearest to black.

GLAUSSE. Orange.

GOLDEN BEAUTY. Bright yellow.

GLOW. A lovely shade of old rose. One of the best.

JOE FETTE. Best white for all purposes.

LITTLE HERMAN. Red and white.

MADELINE. Yellow and rose.

ROTHOUT. Deep maroon almost black.

SNOWBIRD. Pure white.

PRINCE CHARMING. Purple and white.

Any of above Pompon Dahlias, 30c each, \$3 per dozen.

COLLECTION: One each of above 10 varieties, \$2.50.

GLADIOLUS

There are no other Summer-flowering bulbs so satisfactory, needing so little attention and thriving so well in almost any ordinary soil as the Gladiolus. Set

the bulbs from 3 to 6 inches apart in rows, or for massing 6 inches apart, and about 4 inches deep.

AIDA. Large, striking, dark blue flowers with two small red-lilac blotches, like the yellow markings of Baron Hulot, and earlier than the well-known Halley. It is one of the best propagators and in our gardens 75 per cent of the bulblets flower every year. \$5 per doz., \$35 per 100.

AMERICA. Delicate lavender-pink flowers of large size, borne on strong stems, and well placed; splendid habit. Very popular cut-flower variety. 50c per doz., \$4 per 100.

BARON HULOT. Rich, royal violet-blue. One of the finest of its color. Flowers are medium in size, well placed, and borne on strong spikes. A variety used for contrasting with the pale and deep yellow sorts. \$1 per doz., \$7 per 100.

BELINDA. Long, straight spikes, well filled with delicate, creamy yellow flowers. An excellent variety for cutting and promises to be profitable commercially for that purpose. \$1 per doz., \$7 per 100.

BETTY NUTHALL. A warm, light coral with pale orange throat and a light feathering of carmine. The flowers are often 6 inches across, of splendid substance, and are well placed on tall, strong spikes. One of the best Gladiolus of the later introductions. \$1.50 per doz., \$10 per 100.

CHARLES DICKENS. This purple-violet variety grows 5 feet high and has extra-strong, graceful spikes with ten to twelve wide-open flowers at a time. It is in great demand and is a splendid variety. \$1 per doz., \$7 per 100.

CHICAGO WHITE. One of the best of the standard varieties. White, with the lower petals marked with lavender stripes. Early flowering. 50c per doz., \$4 per 100.

CRIMSON GLOW. Deep, brilliant, overlaid with darker shades; lower petals blotched with deep velvety crimson. The flowers are immense and plentifully spread on the tall graceful stem. A very striking variety with a very vigorous constitution. 50c per doz., \$4 per 100.



Gladiolus, Betty Nuthall



Assorted Gladiolus

DR. F. E. BENNETT. Deep peach-red, with flame-scarlet suffusion, lip speckled ruby and white. Large flowers borne on tall, stiff stems. The general effect of the flower is red and it is considered the finest of its color. 85c per doz., \$6 per 100.

E. J. SHAYLOR. Tall, very strong plants and large blooms of a beautiful deep rose-pink. This variety has recently been awarded a certificate of merit in London. 75c per doz., \$6 per 100.

EVELYN KIRTLAND. The flowers, of strong substance, are a beautiful shade of rosy pink, darker at the edges, fading to shell-pink at the center with brilliant scarlet blotches on the lower petals, the entire flower showing a glistening, sparkling luster. Very tall spike. Extra-fine form and color. 85c per doz., \$6 per 100.

GOLDEN DREAM. A fine addition to the yellow Gladiolus, and particularly suitable for cut-flowers. It is rather similar to Golden Measure, and, like that variety, grows tall and straight, with many large flowers open at the same time. The blooms are pure golden yellow, of a clearer shade than those of Golden Measure. \$1 per doz., \$7 per 100.

GRETCHEN ZANG. A beautiful rose tone of pink, blending toward scarlet on the lower petals. A variety of great merit on account of its splendid substance and size. 75c per doz., \$5 per 100.

HALLEY. A variety that is largely grown on account of its earliness. The flowers are large in size, of beautiful salmon-pink, with creamy white blotch in throat. One of the earliest-blooming varieties in our list. 50c per doz., \$4 per 100.

LOS ANGELES. Beautiful shrimp-pink, with glowing orange-carmine blotch in throat. Tall and graceful; blooms for a long time. A very excellent variety for cutting, being in constant demand by florists. 75c per doz., \$5 per 100.

GLADIOLUS (Continued)

MARMORA. Lavender to lavender-gray with petunia-colored blotch. Flowers very tall, large, well arranged on tall, strong stems, with from eight to twelve open at once. One of the best Gladiolus ever introduced. \$2 per doz., \$15 per 100.

MARY PICKFORD. An extraordinary flower and spike of delicate creamy white. Throat sulphur-yellow; stem and calyx also white. 75c per doz., \$5 per 100.

MRS. DR. NORTON. Delicate cream and pink, deepening towards the edges; sulphur-yellow center. Flowers widely expanded. A beautiful variety much admired at Gladiolus exhibitions. 85c per doz., \$6 per 100.

MRS. FREDERICK C. PETERS. This beautiful new variety, somewhat resembling the orchid in coloring, is very desirable for fine gardens. It is a rose-lilac, with crimson blotch bordered white on lower segments. 85c per doz., \$6 per 100.

MRS. FRANCIS KING. Brilliant flamingo-pink, blazed with vermilion-red. Popular variety on account of its attractive color. Splendid for mass effects. 50c per doz., \$4 per 100.

GOLDEN MEASURE. A deeper shade of yellow, heretofore unknown in the large-flowering Gladiolus. Several of these gorgeous flowers in bloom at once on a tall stem give a most magnificent effect. \$1 per doz., \$7 per 100.



Gladiolus, Los Angeles

MRS. FRANK PENDLETON. Salmon-pink which extends to reverse side of the petals as well as in the center, with a rich, deep maroon blotch on the three lower petals. 50c per doz., \$4 per 100.

MRS. LEON DOUGLAS. Begonia rose striped with flame, lower petal pale lemon, speckled ruby. One of the largest glads in existence. 75c per doz., \$5 per 100.

MR. W. H. PHIPPS. La France pink, overlaid with salmon rose, lower petals faintly striped and speckled with ruby; enormous flowers and spike. \$1 per doz., \$6.50 per 100.

NANCY HANKS. Very rich peach-red to orange pink. \$1.50 per doz., \$9 per 100.

NIAGARA. Soft primrose, faint lines of lilac in the throat, with purple stamens and pale carmine stigmas which add to the attractiveness of the variety. Flowers are large in size, borne on tall spikes. 75c per doz., \$5 per 100.

OTHELLO. Very peculiar color—bright violet-purple, with very small, deeper-colored blotches. Blooms are well spaced on the spike. \$2 per doz., \$15 per 100.

PANAMA. Similar in type to America, but of a deeper shade of pure rose-pink. The flowers are large in size and well placed on tall, strong spikes. 75c per doz., \$5 per 100.

ORANGE GLORY. Grand orange colored with beautiful lighter throat. \$1 per doz., \$6.50 per 100.

PRIDE OF GOSHEN. A very large salmon or flesh pink. 75c per doz., \$6 per 100.

PURPLE GLORY. Velvet Maroon. Large ruffled flowers. \$1 per doz., \$9 per 100.

ROSE PRECOSE. A beautiful salmon-rose, slightly ruffled. \$1 per doz., \$9 per 100.

PRINCE OF WALES. Beautiful light salmon with orange shade, very early. 75c per doz., \$6 per 100.

RICHARD DIENER. Very live rose salmon with creamy yellow center. Spikes with 10 to 12 flowers open at one time. \$1 per doz., \$9 per 100.

SCARLET WONDER. Few Gladiolus are as strong growers as this splendid new variety. The foliage is a rich deep green and the plant attains a height of 4 to 5 feet. The flowers are large, many open at one time, and of a rich, velvety scarlet. 85c per doz.

VEILCHENBLAU. Fine violet-blue flowers with pansy-purple blotches. Stock scarce and in great demand. \$2 per doz., \$12 per 100.

VIOLET GLORY. Large flower, rich self-color of deep violet, deeper throat; with ruffled petals. Its attractive color has made it a very popular variety. \$1 per doz., \$9 per 100.

WILBRINK. A very early pale pink, fine grower and cut flower. 75c per doz., \$5 per 100.

PRIMULINUS HYBRIDS

This race of Gladiolus has come to be extremely popular; they are easy to grow, beautiful for decorations, the colors are very artistic and embrace shades of yellow, pink and scarlet.

ALICE TIPLADY. A grand, large, beautiful orange-saffron color. 60c per doz., \$4 per 100.

DOROTHY WHEELER. Flowers richest rose-pink with lighter throat. Very large and massive. 75c per doz., \$5 per 100.

GOLDEN GATE. Light yellow with faint red lines in throat. Ruffled showy flowers. 75c per doz., \$5 per 100.

MAIDEN'S BLUSH. A very popular variety on account of its beautiful shell-pink color and earliness. Splendid for forcing. 75c per doz., \$5 per 100.

MING TOY. Deep showy buff with yellow throat. Large flowers on tall, strong stems. A very pleasing variety. 85c per doz., \$6 per 100.

PHANTASY. A clear salmon pink with coral margin, buds are brilliant orange-scarlet. The flower petals are pale yellow, edged pink, with crimson veined throat. The upper petal folds back. Early flowering. \$1.50 per doz., \$9 per 100.

SALMON BEAUTY. Deep salmon with rich salmon-yellow throat. \$1 per doz., \$6 per 100.

SOUVENIR. A superb large flowering deep yellow. \$1 per doz., \$6 per 100.

SUNBEAM. A beautiful pure yellow. Good forcer. 75c per doz., \$5 per 100.



Primulinus Hybrids, Alice Tiplady

AGRICULTURAL CHEMICALS and FERTILIZERS

FERTILIZERS

All prices subject to market changes

ADCO

For making artificial manure. Dry leaves mixed with Adco and kept moist, turn into excellent manure. So do flower stalks, cuttings, pea vines and almost any other kind of non-woody vegetable waste. Adco is a powder which, mixed with vegetable matter and kept moist, turns the latter into real manure, but without odor, flies, etc.

In 25-lb. bags Each \$2.25
(Making ½ ton of manure)

In 150-lb. bags Each \$10.50
(Making about 3 tons of manure)

Bone Dust for general use. 5 lbs. 35c, 10 lbs. 60c, 25 lbs. \$1.25, 50 lbs. \$2.00, 100 lbs. \$3.00, ton \$50.00.

Charcoal. 50 lbs. \$2.00, 100 lbs. \$3.50, 1,000 lbs. \$32.50, 2,000 lbs. \$65.00.

Ashes, Canada Hardwood. Bags of about 75 lbs. \$2.00, ton, in bags, \$50.00.

Blood (dried). 10 lbs. \$1.25, 50 lbs. \$4.50.

Cow or Cattle Manure. Shredded, in 100-lb. sacks only, \$3.00, 500 lbs. \$12.50, 1,000 lbs. \$23.00, ton \$45.00.

Clays Fertilizer (Imported). 56 lbs. \$8.50, 112 lbs. \$16.00.

Soot, Imported Scotch. Prevents mildew when mixed with sulphur at the rate of one-third sulphur and two-thirds soot; also a good fertilizer. 10 lbs. \$1.00, 100 lbs. \$7.00.

Sulphate of Ammonia. 20.56 per cent nitrogen. \$4.00 per 100 lbs.

PLANTABBS

Odorless plant food tablets. 25c, 50c, and \$1.00 per pkg.

Vigoro. (4-12-4). An excellent lawn-food. 50 lbs. \$2.50, 100 lbs. \$4.00.

CLIMAX LAWN SAND

(Non-Poisonous)

The double action kiln dried chemical that kills weeds and fertilizes the grass in one operation. To get the best results, "Climax Lawn Sand" should be applied evenly over the entire lawn arly in the morning at the rate of 1 lb. to 4 square yards of lawn.

28-lb. package\$3.50

56-lb. package 6.00

Lime, Agricultural Hydrated. In tons only. Ton \$22.00, in lots of three tons or over, \$18.00 per ton, carload lots, \$14.00 per ton, f. o. b. Cleveland.

Mowrah Meal. Used extensively for killing earthworms on lawns and putting greens. 100 lbs. \$4.50.

Cottonseed Meal. Is being widely used by gardeners, florists, nurserymen, as well as on golf courses and vegetable gardens. 100 lbs. \$3.00.

Humus. Finely ground and screened for renovating lawns, golf courses, flower beds, etc. Improves potting soil. 100 lbs. \$2.50.

Nitrate of Soda. 5-lb. pkg. 40c, 10-lb. pkg. 80c, 25-lb. bag \$2.00, 50-lb. bag \$3.50, 100-lb. bag \$5.00.

Sheep Manure, Pulverized. 100-lb. bag \$3.00, 500 lbs. \$14.00, ton \$50.00, in pkgs. of 5 lbs. 40c, 10 lbs. 75c.

PEAT, LEAF MOLD, ETC.

Leaf Mold. Best quality. Bag \$5.00.

Moss, Live Sphagnum. Bu. \$1.50, bag \$5.50.

Moss, Dry Sphagnum. Bag \$1.50. Small bale \$6.50, large bale \$10.00.

Orchid Peat, or Fern Root. Best selected. Hand picked. Bag \$5.00.

INSECT and FUNGUS REMEDIES

For Spraying, Dusting and Fumigating

Prices subject to change

Aphine. Pt. 75c, qt. \$1.15, gal. \$3.25.

Arsenate of Lead, Powdered. Lb. 50c, 5 lbs. \$2.00, 10 lbs. \$3.50, 25 lbs. \$6.00, 100 lbs. \$18.00.

Antrol. A complete control system of combating ants, consisting of special glass containers and Antrol syrup. Cottage set, containing nine receptacles and bottle of syrup, \$1.00.

Bordeaux Mixture. Lb. 40c, 4 lbs. \$1.25, 10 lbs. \$2.75.

Fish-Oil Soap. For mild forms of scale, and is an excellent summer spray. Dissolves in water according to various purposes. Lb. 25c, 5 lbs. \$1.10, 10 lbs. \$2.00, 25 lbs. \$4.00, 100 lbs. \$15.00.

Fungine. ½ pt. 40c, pt. 75c, qt. \$1.25, gal. \$3.75.

INSECT AND FUNGUS REMEDIES—(Continued)

SOUND FRUIT BRINGS BIG PRICES

But you cannot have sound, healthy fruit without the use of proper spray materials.

Standard Lime-Sulphur Solution in Dry Powdered Form

Will insure you large fancy fruit that brings good prices. Use it as a dormant spray against the scale and combine it with your Arsenate of Lead for summer spraying.

Lime-Sulphur Solution. Lb. 40c, 5 lbs. \$1.75, 10 lbs. \$2.75, 25 lbs. \$5.00.

Grape Dust. 5 lbs. \$1.00, 10 lbs. \$1.75, 25 lbs. \$5.00.

Lemon Oil. Qt. \$1.00, ½ gal. \$1.75, gal. \$3.50.



Nicotine Fumigator. (Powder). (12½%) \$1.00 per lb., \$4.00 per 5 lbs., \$6.50 per 10 lbs.

Nicotine Sulphate (40%). Per lb. \$2.25, \$5.85 per 4 lbs., 8 lbs. \$10.50.

Nico Fume. Liquid. Lb. \$2.25, 4 lbs. \$5.75, 8 lbs. \$10.00.

Nico-Fume. Paper box of 24 sheets \$1.25, box of 144 sheets \$4.75 box.

Evergreen. 1½ oz. 35c, 6 oz. \$1.00, 16 oz. \$2.00, 32 oz. \$3.85, 1 gal. \$13.00.

Scalecide. Qt. 75c, gal. \$1.50, 5 gals. \$4.90, 10 gals. \$9.00, 30 gal. bbl. \$20.50.

Slug Shot. Lb. 20c, 5 lbs. 75c, 25 lbs. \$3.75, 100 lbs. \$15.00.

Snarol. For the control of cut worms, snails, slugs, etc. Per lb. 25c, 4 lbs. 75c, 15 lbs. \$2.50.

Sulphur. Lb. 25c, 5 lbs. 75c, 10 lbs. \$1.30, 100 lbs. \$12.00.

Tobacco Dust (Kiln Dried). Lb. 25c, 5 lbs. 80c, 25 lbs. \$2.00, 100 lbs. \$6.00.

Tobacco Stems. Bale of 100 lbs. \$3.50.

Thrip Juice. \$4.80 per gal.

Wilson's O. K. Plant Spray. A powerful yet harmless and efficient insecticide, for aphid, red spider, mildew, scale, etc., for inside and outside spraying. Per ½ pt. 40c, per qt. \$1.00, gal. \$3.50, 5 gals. \$12.00.

X-L-All Liquid Insecticide. Imported. ½ gal. \$6.00, gal. \$11.00.

Hammond's Copper Solution

It is the most effective fungicide available for over-coming Grape rot, Grape Mildew, Pear and Quince Blight, Tomato Blight, Carnation Rust and Red Spider.

Quart\$ 1.50 each
One Gallon 4.60 each
Five Gallons 20.00 each

HAMMONDS. Path and Gutter Cleaner (Weed Killer) \$2.50 per gallon.

Get More From Your Garden

You will get much more out of your garden if you protect it against bugs, worms and disease. The simple, easy way to do this is to spray with

"THE SPRAY THAT ADDS TO YOUR PROFITS"

Pyrox kills bugs and worms, prevents disease and invigorates the plants. Ready for use by mixing with water. The Pyrox Book gives complete garden and spraying information. Ask for a copy. 10 oz. tin 50c, 5 lbs. \$1.75, 10 lb. \$3.00.



Sprayers for Applying Insecticides and Fungicides

(Prices subject to market changes)

BROWN BUCKET SPRAY PUMP

Bucket Sprayer. \$5.00.

AUTO SPRAY PUMP

Convenient, durable, efficient. Our patented leader of spray apparatus for small uses. Will do better work and do it more easily than any other similar article. Useful with bordeaux and all solutions, also in applying cold-water paint or whitewash. Holds four gallons. Patent nozzle. Price, galvanized reservoir, \$7.50; brass, \$10.50.

VAPORIZING SPRAYER

A marvelous insect exterminator; throws a spray as fine as mist and is therefore more effective than any other Spray Pump, and loses only about one-tenth the liquid. Shipping weight, 3 lbs. No. 1, all tin, 75c. No. 2, galvanized reservoir, \$1.00; No. 3, all brass, \$2.00.

The Double-action makes an even spray and cover where others fail. Is a labor and material saver.

SPRAYERS—Continued

DOUBLE-ACTING PUMP SPRAYER
and KNAPSACK TANK

The same Spray with Half the Labor

Pump—This pump is the ideal all-purpose sprayer. Its field is practically unlimited, as it may be used for spraying trees, vines, garden truck, potatoes,

and any field crops. Made entirely of brass, doing away with all danger of corrosion. This pump is double-acting, which gives a continuous spray, a distinct advantage over single-acting Pumps in that the pump works on both the up and the down stroke. The Pump cylinder is small in diameter, and in a test a pressure of 180 pounds to the square inch was raised with very little labor.

HORTICULTURAL REQUISITES

ASPARAGUS KNIVES, English. Each \$3.50.

ASPARAGUS KNIVES, American. Each 50c.

AXES, Felling. With handle, \$3.00 to \$3.50.

BASKETS, Hanging, Wire. Painted, 8 in. 35c, 10 in. 40c, 12 in. 50c, 15 in. 60c, 18 in. \$1.00, 21 in. \$1.35 each.

BELLOWS Duster No. 600. Made with 12 in. handles and cone-shaped distributor. Each \$1.75.

BELLOWS, Powder.

Small, Single Cone. Each \$3.00.

Large, Single Cone. Each \$5.00.

Double Cone. Each \$6.50.

“JUMBO” POWDER GUN. Each 40c.

BOXES, Corrugated. Extra strong for shipping cut flowers.

Length	Width	Depth	Doz.	100
24 in.	8 in.	4 in.	\$4.00	\$30.00
28 in.	8 in.	5 in.	4.50	35.00
30 in.	12 in.	6 in.	5.00	40.00
36 in.	12 in.	8 in.	7.00	55.00
48 in.	14 in.	8 in.	9.50	70.00

Extra staples, 25c per 100.

BOXES, Folding. For cut flowers. Made of strong cardboard.

No.	Length	Width	Depth	Doz.	100
No. 2	18 in.	5 in.	3 in. deep	\$0.75	\$ 4.00
No. 5	21 in.	7 in.	3½ in. deep	1.00	6.00
No. 8	24 in.	8 in.	4 in. deep	1.50	8.00
No. 11	28 in.	8 in.	5 in. deep	2.00	12.00
No. 19	36 in.	8 in.	5 in. deep	2.50	15.00

BROOMS, Birch. For lawns. Each 75c.

CANES, Bamboo.

	Doz.	100	100
Green, 2½ ft., Japanese	\$0.15	\$1.00	\$ 7.00
Green, 3 ft., Japanese	.20	1.25	10.00
Green, 4 ft., Japanese	.20	1.50	12.00
Green, 5 ft., Japanese	.25	2.00	15.00
Natural, 6 ft., Japanese	.30	2.00	16.00
Japanese, heavy, 8 ft.	.50	4.00	35.00
Japanese, heavy, 10 ft.	.60	5.00	40.00

CANES, Chinese Bamboo.

	100
4 ft. long, ¼ in. diam.	\$ 2.00
4 ft. long, ½ in. diam.	4.00
6 ft. long, ¾ in. diam.	7.00
8 ft. long, ¾ in. diam.	8.00
9 ft. long, ¾ to 7⁄8 in. diam.	16.00
6 ft. long, 1½ in. diam. for Dahlias, doz.	\$4.50 35.00

CELERY BLEACHERS. 6½ x 13 in. Doz. 60c, 100 \$4.50.

CELERY BLEACHING PAPER. Flexible, odorless and waterproof, in rolls of 100 ft. 12 in. wide. Per roll, including 25 42-in. wire arches, \$5.00; Roll holders, each \$1.50.

DIBBLES. Iron point, with wood handle, for transplanting. Small 65c, large 75c.

FLOWER POTS, Standard Earthenware.

We pack carefully but are not responsible for breakage in transit. All earthenware pots are shipped by freight only.

Size	Each	Doz.	100	1000
2 in.	\$0.02	\$0.20	\$ 1.30	\$12.00
2¼ in.	.02	.25	1.60	15.00
2½ in.	.03	.30	2.00	17.00
3 in.	.04	.40	2.50	22.00
4 in.	.06	.60	4.00	35.00
5 in.	.08	.80	6.50	60.00
6 in.	.12	1.25	10.00	95.00

FLOWER POTS

Size	Each	Doz.	100
7 in.	\$0.25	\$ 2.50	\$ 16.00
8 in.	.35	3.50	24.00
9 in.	.50	5.00	40.00
10 in.	.80	7.00	50.00
12 in.	1.20	13.00	100.00

ROUND BULB or LILY PANS

Wide	Deep	Each	Doz.	100
7 in.	4⅛ in.	\$0.25	\$ 2.50	\$15.00
8 in.	4 in.	.30	3.00	22.00
9 in.	4¼ in.	.50	5.00	40.00
10 in.	4½ in.	.60	6.00	45.00
12 in.	4¾ in.	1.00	10.00	80.00

NEPONSET WATERPROOF PAPER FLOWER POTS. Made of waterproof paper and are light, clean and unbreakable.

	Doz.	100	1000
2¼ in.	\$0.10	\$0.60	\$ 5.50
2½ in.	.10	.70	6.00
3 in.	.15	1.00	8.00
3½ in.	.15	1.20	11.00
4 in.	.25	1.60	14.00
5 in.	.40	2.20	20.00
6 in.	.60	3.00	26.00

HORTICULTURAL REQUISITES—Continued

Fertex Flower Pots. Can be planted with the plant or seedling without disturbing roots. 2½ in. Doz. 30c, 100 \$2.00, 1000 \$12.00; 3 in. Doz. 35c, 100 \$2.50, 1000 \$15.00.

FLOWER POT SAUCERS

Indurated Wood Fiber. Very light and durable. Not porous and will protect tables on which plants stand.

	Each	Doz.
5 in.	\$0.40	\$ 4.00
14 in. ....	.90	9.00
18 in.	1.80	19.00

FORKS

Digging or Spading, "Keen-Kutter."	Each
4-tine, long or short handle.....	\$2.50
English, 4 square tine, short handle.....	3.50
Best Steel. 4-tine, long or short handle.....	2.25
5-tine, short handle.....	3.00
Manure. 4-tine, short handle.....	2.50
5-tine, short handle.....	3.00
4-tine, long handle.....	3.00
Transplanting, Johnson's. 3-tine, length over all 11 in. Each	60c.

GARDEN LINES. Finest braided hemp. 100 ft. \$1.75, 200 ft. \$3.50.

GARDEN REELS for above of wrought iron. Small \$1.75, large \$3.00.

GLASS CLOTH. For using on hotbeds or sash in place of glass. 36 in. wide, 1 to 10 yards, 45c per yard; 11 to 25 yards, 40c per yard; 25 to 50 yards, 38c per yard; 50 to 100 yards, 35c per yard.

GLAZING POINTS, "Peerless." 1000 80c.

GRAFTING WAX. For grafting cuts and bruises on trees. ¼ lb. 15c, ½ lb. 25c, lb. 40c.

GRAPE BAGS, Paper. Made with patent metal clasp. 100 75c, 1000 \$6.00. With string, 100 \$1.50, 1000 \$12.00.

GRASS HOOKS or SICKLES

Best English welded back	Each
No. 2, medium	\$1.00
No. 3, large	1.15
American, large size .....	.35

GRASS SHEARS. See Shears.

HAMPERS, Willow. For shipping vegetables. Size 30x17x17 in. Each \$25.00.

HATCHETS. With claw. Each \$2.00.

HOES, DRAW. With handles. 5 in. \$1.00, 6 in. \$1.10, 7 in. \$1.20, 8 in. \$1.30.

HOES, SCUFFLE or DUTCH. English make. Handles, 50c extra.

Size	Each	Size	Each
4 in.	\$1.00	8 in.	\$1.40
5 in.	1.10	9 in.	1.50
6 in.	1.20	10 in.	1.60
7 in.	1.30	12 in.	1.75

HOES, American Scuffle. 7 in. with handles, \$1.35.

HOES, WARREN, Heart-shaped, 7½ in., \$1.75.

HOSE BANDS. Made of brass wire. For putting on couplings. Doz. 35c.

HOSE COUPLINGS. Brass for ½ in. or ¾ in. hose. Each 20c.
Clincher Style. ½ in. or ¾ in. Each 30c.
Rain King. Quickly snaps on without turning. Each 60c.

HOSE CONNECTION. Gooseneck for connecting hose to faucet. Each \$1.00.

HOSE CONNECTION. Siamese. For connecting two leads of hose. Each \$1.25.

HOSE HOLDER. Gem. For holding hose when watering. Each 30c.

HOSE MENDERS

"Cooper's." (See cut.) Brass, ½ or ¾ in. Each 15c, doz. \$1.50.
"The Perfect Clinching." ½ or ¾ in. Each 20c, doz. \$2.00.

HOSE NOZZLES

"Aquamatic." For sprinkling gardens, washing automobiles, etc. Wastes no water. Spray or stream. Each \$2.00. Nozzles only, each 40c.
"Gem," or **"Graduating."** ¾ in. hose. Can be regulated to give three different streams. Each 60c.
Hose Rose. Made with brass for ¾ in. hose. 3-in. face \$1.50, 4-in. face \$1.75.
Rain King. Coarse or fine spray with only a slight turn of nozzle. Each \$1.50.

HOSE, RUBBER

	Per foot
"Electric." ½ in.	\$0.21
"Electric." ¾ in. ....	.23
Special Spray Pump Hose. ½ in. ....	.30

HOSE REELS. Made with tubular iron; strong and durable.
No. 10. For 100 ft. ¾ in. hose. Each \$6.00.

HOSE REEL. Victor. All metal steel frame, 9-in. corrugated steel drum. For 100 feet of hose. Each \$3.50.

HOSE REEL. "Easy." Holds 375 ft. ¾ in. hose. All metal. Each \$3.00.

HOSE WASHERS. ¾ in. Doz. 10c, 100 50c.

HYACINTH STAKES. Dyed green.

12 in. long	100 35c, 1000 \$3.00
18 in. long	100 40c, 1000 3.50

KNIVES, CORN. Forged steel. Each 75c.

KNIVES, BUDDING

American. Sharp point, brass lined.....	\$3.50
American. Round point, brass lined.....	5.00
American. Round point, long handle, brass lined	4.00
American. Two blades, brass lined.....	2.00
American. Florists, sharp point, cocobolo round handle, 4 in. long.....	1.25

LABELS, POT and GARDEN, Wooden

	100	1000
4 inch	\$0.35	\$ 2.50
5 inch .....	.45	3.15
6 inch .....	.55	3.50
8 inch	1.60	9.00
10 inch	1.75	11.00
12 inch	2.25	14.00

LABELS, TREE, Copper Wired. 3½ in. Painted. 100 35c, 1000 \$2.50.

LABELS, HANGING, Celluloid, with copper wires. 3½ in. long by 11-16 in. wide. Doz. 20c, 100 \$1.00. 3½ in. long, 1½ in. wide. Doz. 75c, 100 \$5.00.

HORTICULTURAL TOOLS AND REQUISITES—Continued

LABELS, POT, Celluloid. 5 in. long, 3/4 in. wide. Doz. 60c, 100 \$3.50; 6 in. long by 1 in. wide, doz. 70c, 100 \$5.50.

LABELS, The Simplex. Waterproof.

	Doz.	100
No. 1. 3x1 1/2 in.	\$0.35	\$2.50
No. 2. 4x3/4 in. ....	.70	4.50
No. 3. 5x1 in.	1.00	7.00

LABELS, TREE or GARDEN, ZINC. Per 100:

No. 1....	\$3.00	No. 5....	\$3.50	No. 13....	\$1.50
No. 2....	3.00	No. 6....	1.50	No. 15....	2.00
No. 4....	3.00	No. 7....	1.50	No. 21....	2.00

MATS, Hotbed. Waterproof one side, burlap on other. 40x76 in., each \$3.50, doz. \$36.00; 76x76 in., each \$5.50, doz. \$60.00.

PAPER
Kraft. Sheets 40x48 in. or 30x40 in. Per lb. 15c.
Kraft. Rolls 18 in. or 24 in. wide. Per lb. 15c.
Tissue. Ream (480 sheets), 24x36 in. \$2.00.
Waxed Tissue. Ream (480 sheets), 24x36 in. \$3.50.
Coarse. For parceling. Lb. 16c.

PLANT SUPPORT. The Timesaver. A galvanized iron stake with adjustable clip and fiber twine. Adapted for all kinds of flowers or shrubs. No. 2, 3 ft., doz. \$1.00; No. 3, 4 ft., doz. \$2.20; No. 4, 5 ft., doz. \$2.75.

PLANT STAKES. Round, green, tapering (light).

	Each	Doz.	100
1 1/2 ft.	\$0.04	\$0.35	\$ 2.25
2 ft. ....	.06	.60	4.25
2 1/2 ft. ....	.08	.80	6.00
3 ft. ....	.11	1.10	8.00
3 1/2 ft. ....	.13	1.35	10.00
4 ft. ....	.17	1.75	12.00

Round, green, tapering (heavy).

4 ft. ....	.25	2.25	16.00
5 ft. ....	.30	3.00	20.00
6 ft. ....	.35	3.50	25.00

Square, green, tapering (heavy).

4 ft. ....	.15	1.50	10.50
5 ft. ....	.22	2.25	16.00
6 ft. ....	.25	2.50	18.00

DAHLIA POLES. Heavy, round, green; tops painted white.

	Each	Doz.	100
3 ft.	\$0.17	\$1.75	\$12.00
4 ft. ....	.20	2.00	15.00
5 ft. ....	.27	2.75	20.00
6 ft. ....	.32	3.25	25.00

DAHLIA STAKES. Extra heavy. 1 in. square at bottom tapering to 3/4 in. at top, painted.

	Doz.	100
5 ft.	\$3.50	\$26.00
6 ft.	4.50	32.00

PRUNER, or Lopping Shears.
Double Cut. Handles 30 in. long. Each \$2.75.
Waters' Patent. (Keen Kutter manufacture.) 8 foot handle, \$2.75; 10 foot handle, \$3.00; 12 foot handle, \$3.25. Extra blades, 30c each.

PUMP, "The Kinney." For distributing water and liquid manure through the hose at the same time. Each \$2.25.

RAFFIA. The best material for trying plants. Per lb. 50c. Green, dyed, lb. \$1.25.

SHEARS
Grass, Improved. 6 in. steel blades with 7 in. metal handle and spiral steel spring, \$1.50.
Grass or Sheep. Best trowel shank. \$1.25.
Hedge. American. (With notch, 25c extra.) 8 in. \$2.50; 9 in. \$3.00.
Hedge. English Make. 8 in. \$3.00; 9 in. \$3.50; 10 in. \$4.00. With notch, 35c extra.
Watch Spring Pruning. Imported French, 7 in. \$3.00; 8 in. \$3.50; 9 in. \$4.00.

SILKALINE, Meyer's Green. Fast color. Spool 50c. Box of 8 spools \$3.75.

SPADES. Best cast steel. Long or short handles. Each \$1.75.

"KEEN-KUTTER." Extra quality. Each \$2.50.

THERMOMETERS
Mushroom Bed. All metal, each \$3.75; wood, brass tip \$2.00.
Self-Registering, "Hicks." English make, boxwood scale. 10 in. \$8.00.

TROWELS
English. Finest quality throughout. Each
Short handle\$0.85
Long handle 1.25
Steel. 6 in., 75c; 7 in., 80c; 8 in., 90c.

TWINE
Cotton. White, per lb. \$1.20.
Green Smilax. Box of 8 balls \$1.25.
Marline (Tarred Twine). Lb. 60c.
Marline. Small size. Per ball \$1.00.
Hemp. All sizes. Lb. \$1.00.
Jute. Three or four-ply, for trees. Lb. 50c.

WEEDERS
"Adjustable." Three Prong. 50c.
"Eureka." Very useful for garden purposes. Each 60c.
Lawn. For removing docks, dandeloin, etc.; can also be used as an Asparagus knife. 50c.

WATERING POTS
French Pattern, Oval. With long spout and brass bow handle. 2 roses. 6 qts. \$6.00, 8 qts. \$6.50, 10 qts. \$7.00, 12 qts. \$7.50.
Greenhouse Wheelbarrow. A very narrow style for use in greenhouses. Extreme width at handles only 20 inches. Each \$12.00.

HORTICULTURAL REQUISITES—Continued

CEDAR PLANT TUBS

Inside measurements.	Diameter	Height	Each
No. 3	8 in.	8 in.	\$0.75
No. 4	9 in.	9 in.	.85
No. 5	10 in.	9 in.	1.00
No. 6	11 in.	10 in.	1.30
No. 8	13 in.	12 in.	2.00
No. 10	15 in.	14 in.	2.50
No. 12	17 in.	16 in.	3.50
No. 14	19 in.	18 in.	4.25

Mt. Beacon Green Shading

This harmonious grass-green colored shading protects plants from the glare and heat of the sun. It is of heavy body and is to be diluted with ten parts of benzine, gasoline or naphtha and then either sprayed, sprinkled or lightly brushed on the glass. It gives a thin film which lasts about six months and is then easily removed.

\$2.75 per Gallon in 5 Gallon Pails; \$3.00 per Gallon in 1 Gallon Cans.

"Old English" Liquid Putty

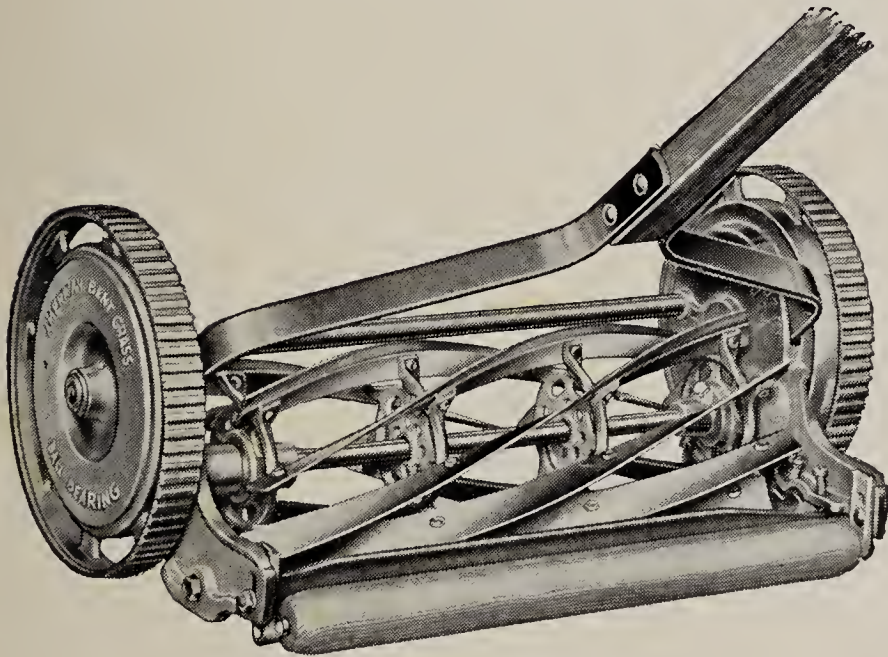
This, the original white glazing plastic, has been used for over 50 years by exacting greenhouse owners everywhere. It is white, and stays white. It is easy to apply with either bulb or gun. It is elastic yet adhesive. It is weather-proof, yet it does not crack, curl or pull away from the bar. One gallon will glaze about 350 to 400 square feet of glass.

\$2.20 per Gallon in 50 Gallon bbls.; \$2.25 per Gallon in 5 Gallon Pails; \$2.35 per Gallon in 1 Gallon.

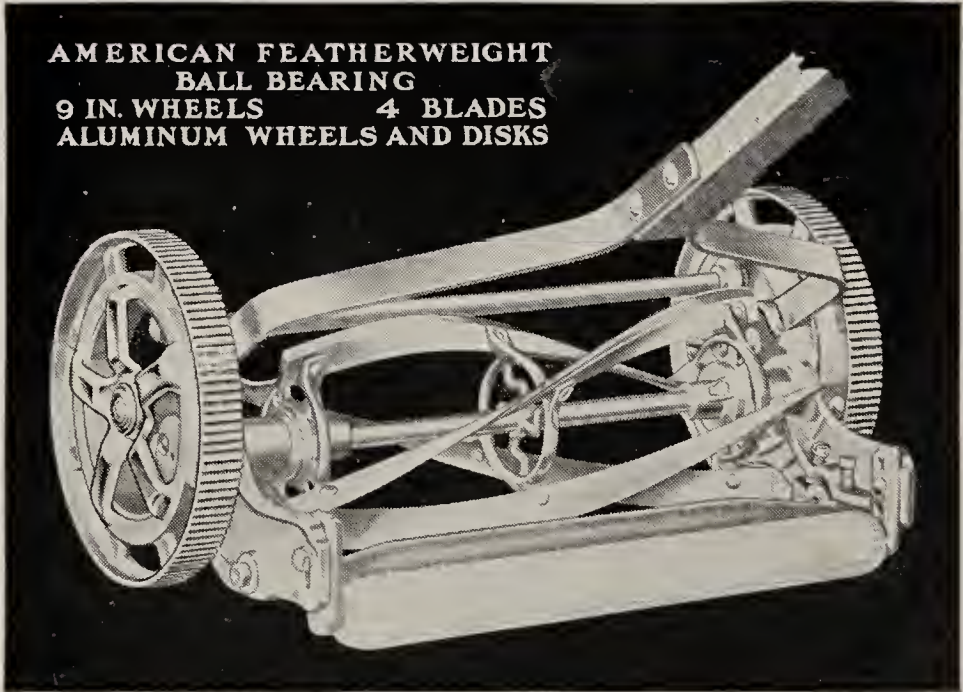
LAWN MOWERS, LAWN ROLLERS, LAWN SWEEPERS, GARDEN CULTIVATORS, Etc.
We handle all the latest and best makes of Lawn and Garden Tools, both Hand and Power.
Prices on application.

Lawn Mowers

AMERICAN FEATHERWEIGHT
16 inch cut—10 inch wheel—\$10.00



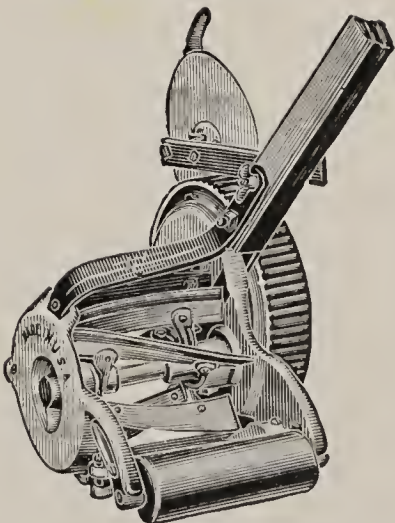
AMERICAN BENT GRASS MOVER
BALL BEARING MOWER
16 inch cut—10 inch wheel—\$12.50



Lawn Trimmer or Grass Edger

\$8.25

Cut the edge of the grass
Reverse and cut turf

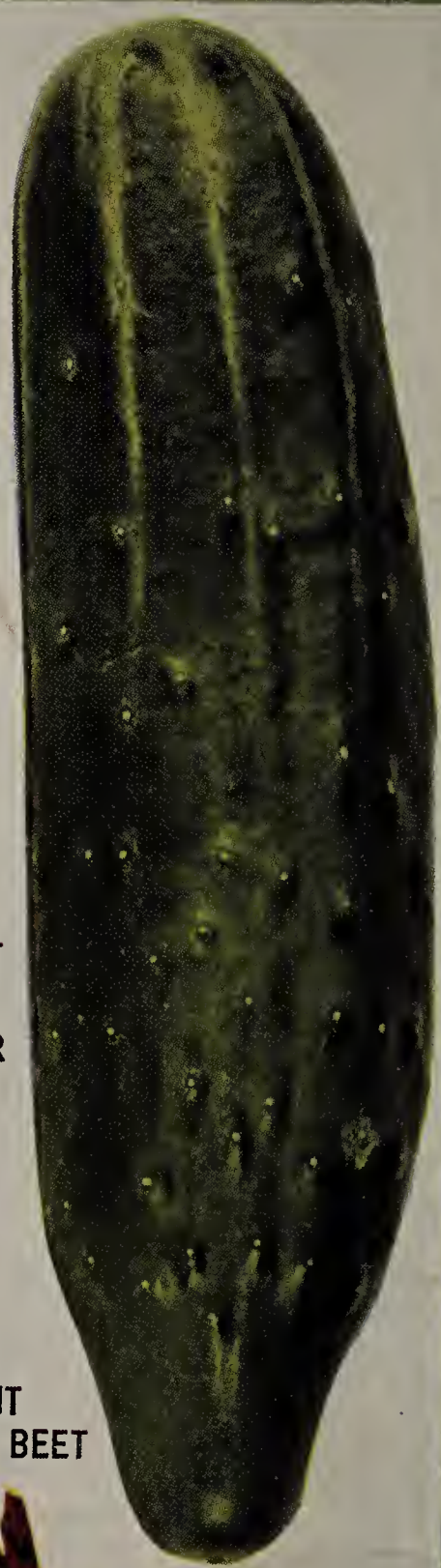




EARLY PEAS



EARLY
SCARLET
TURNIP RADISH



EARLIEST
OF ALL
CUCUMBER



AMERICAN
PURPLE TOP
RUTABAGA

COOK'S
AULSEED
QUALITY
VEGETABLE
SEEDS

•

Walter E. Cook, Inc.
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DETROIT
DARK RED BEET



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